

006707" T89E6960

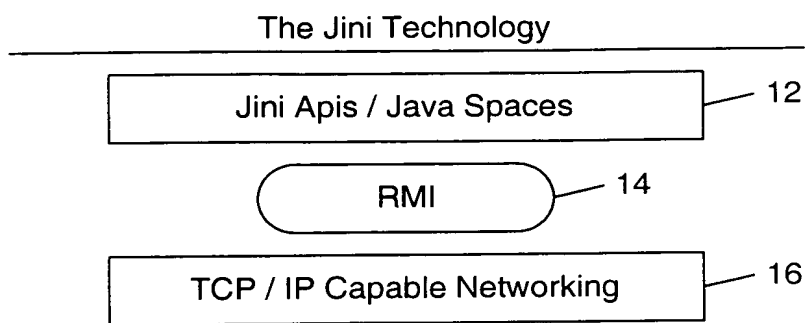


Fig. 1
(Prior Art)

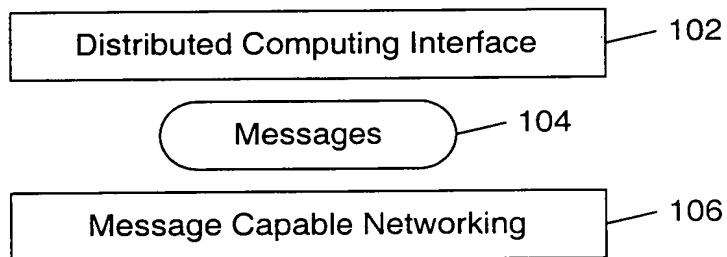


Fig. 2

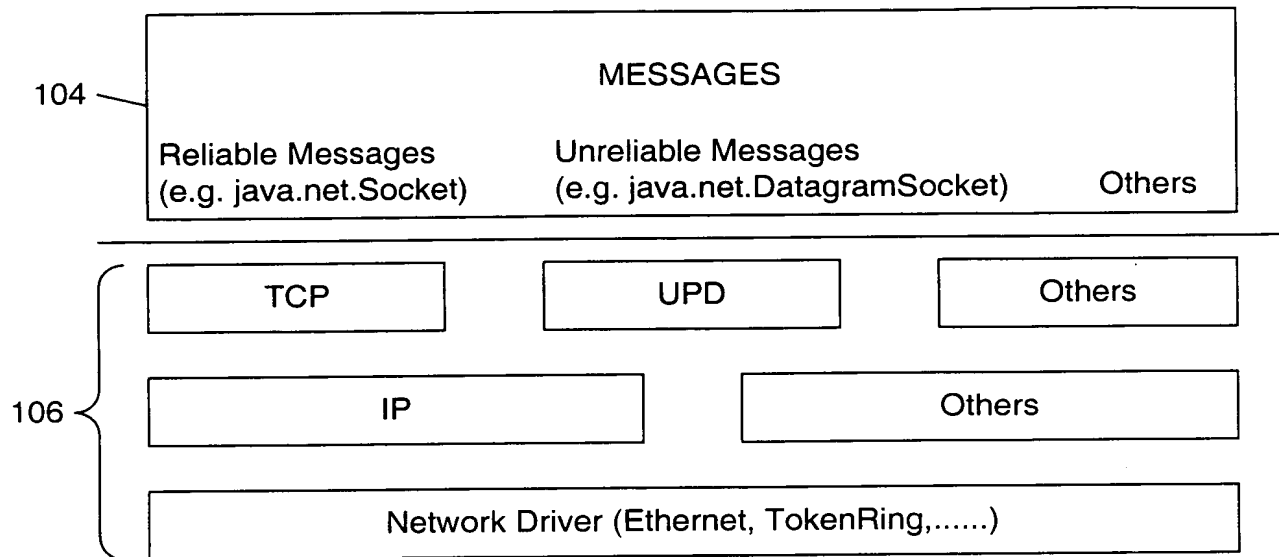


Fig. 3

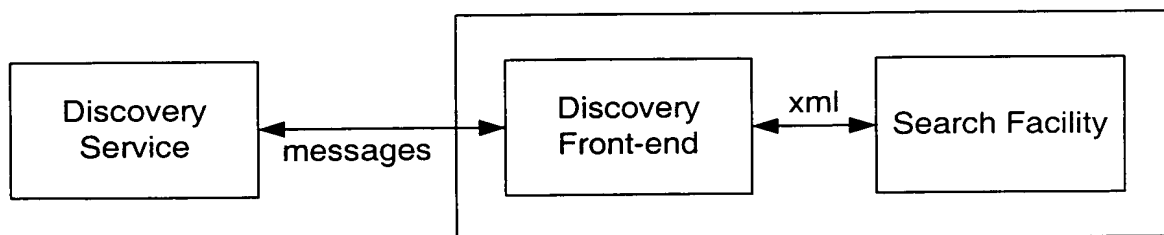


Fig. 4

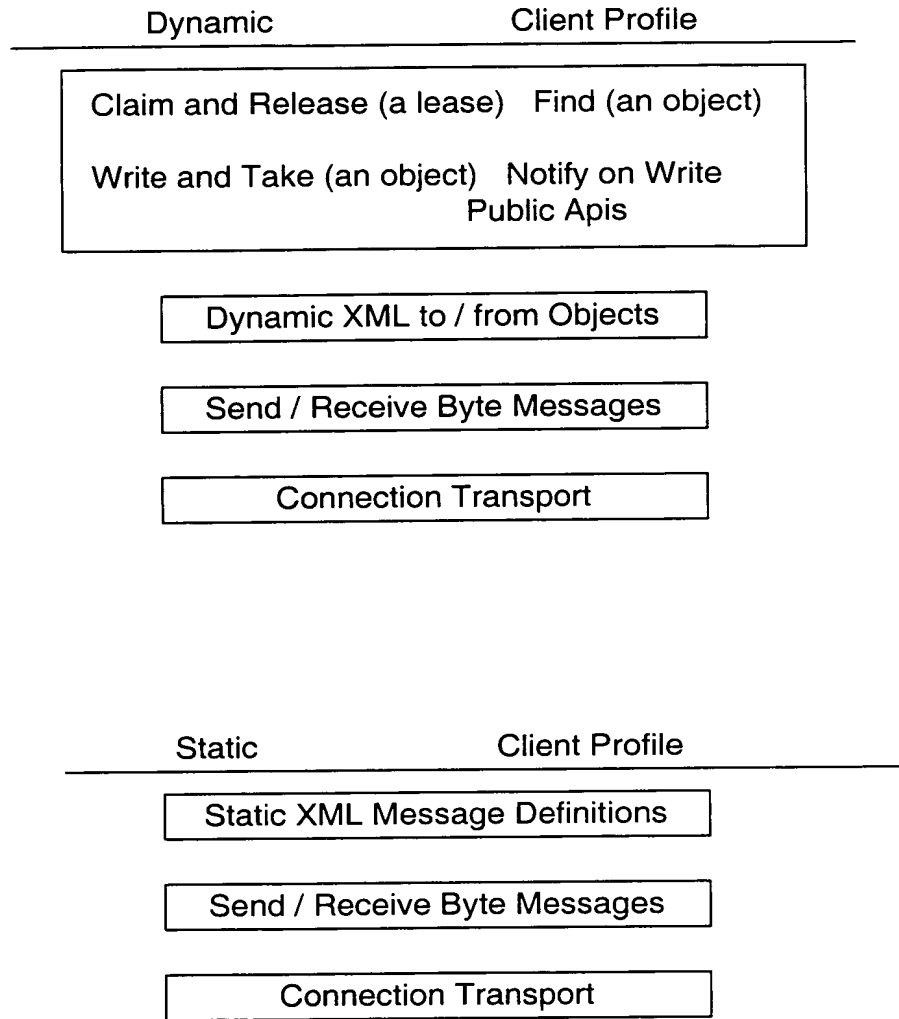


Fig. 5

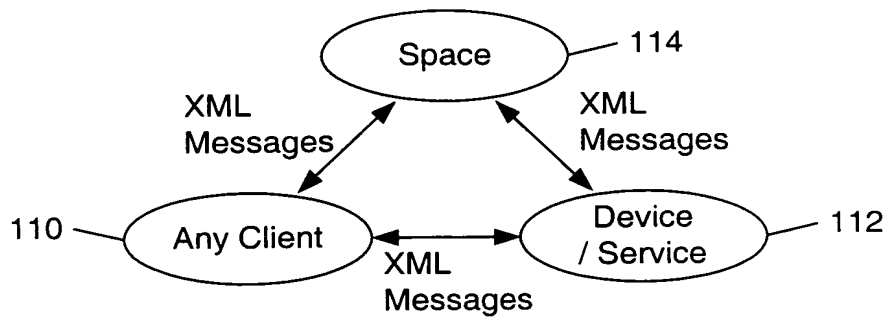


Fig. 6

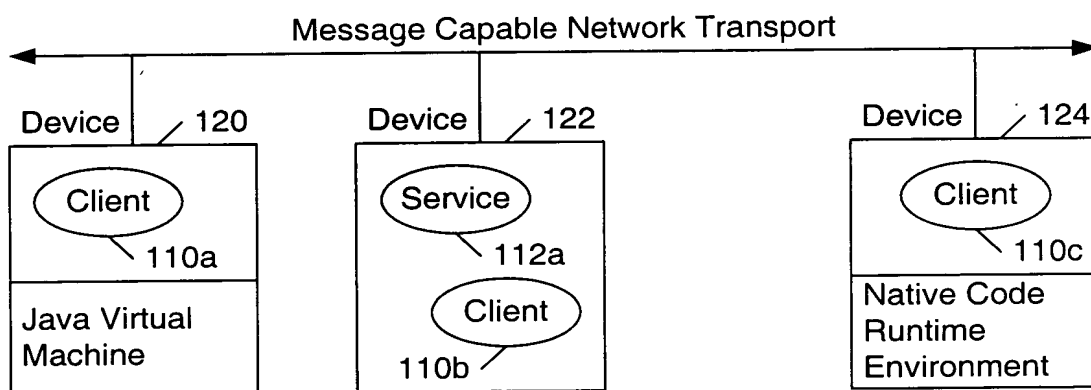


Fig. 7

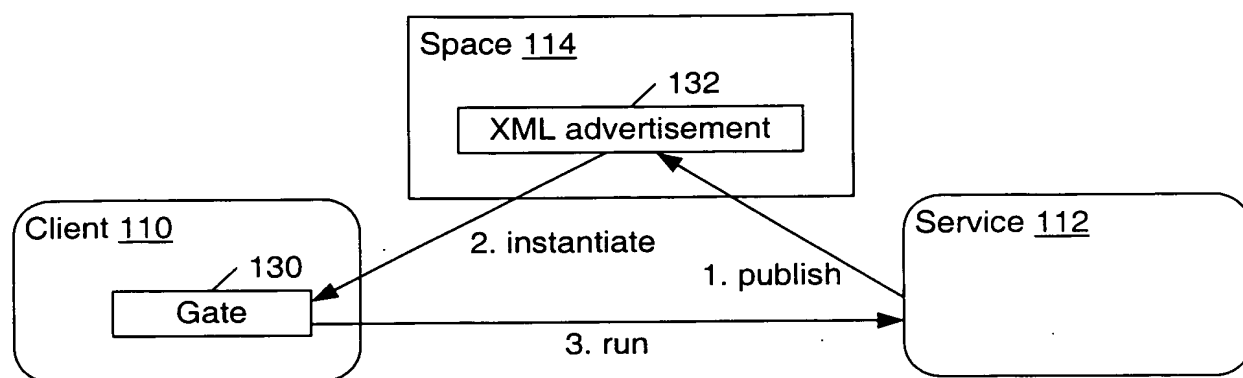


Fig. 8

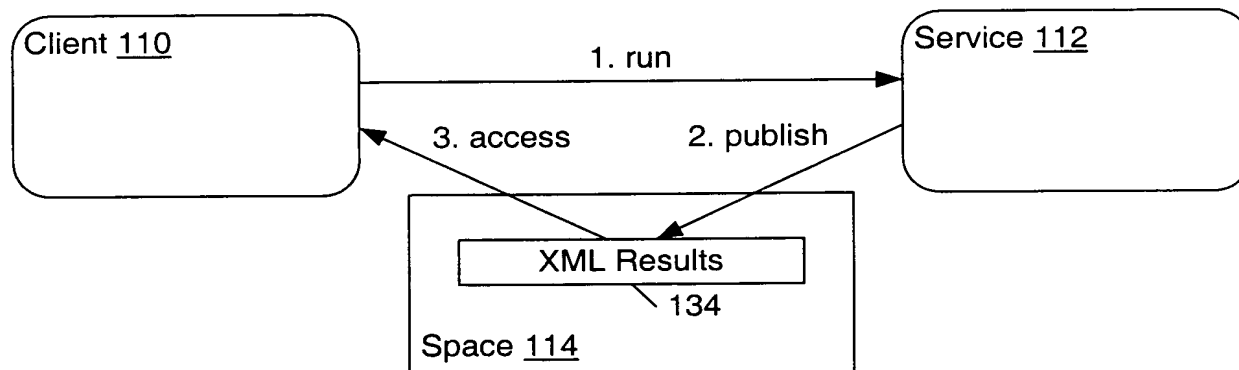


Fig. 9

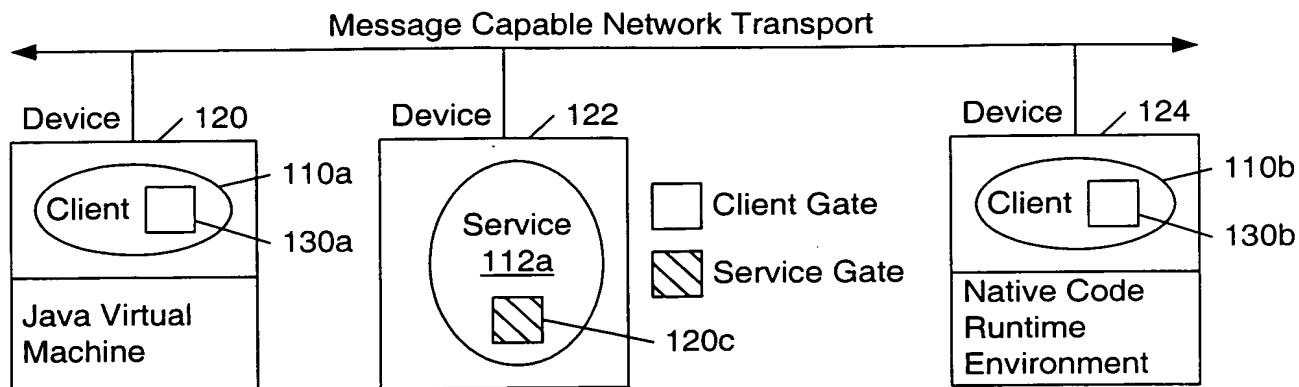


Fig. 10a

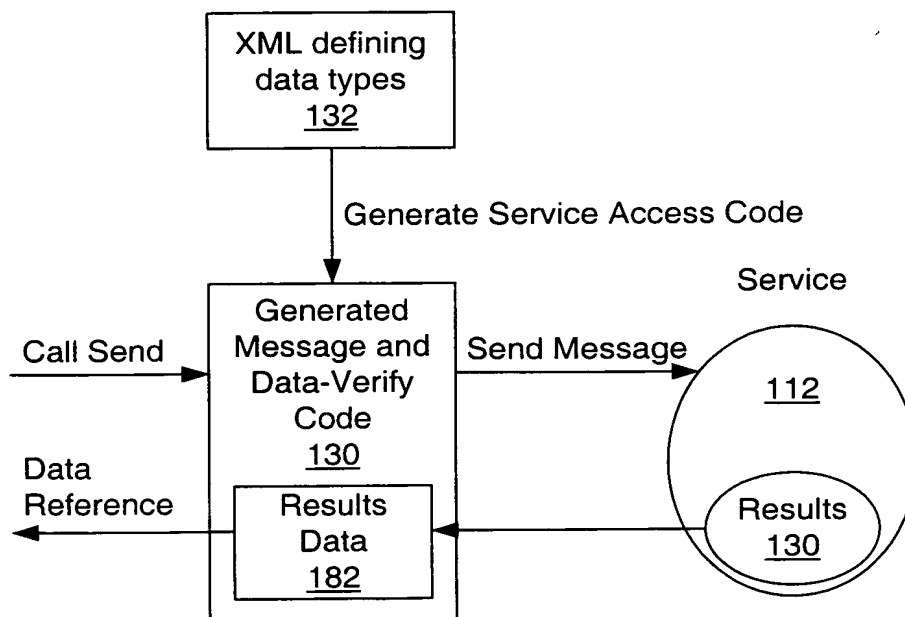


Fig. 10b

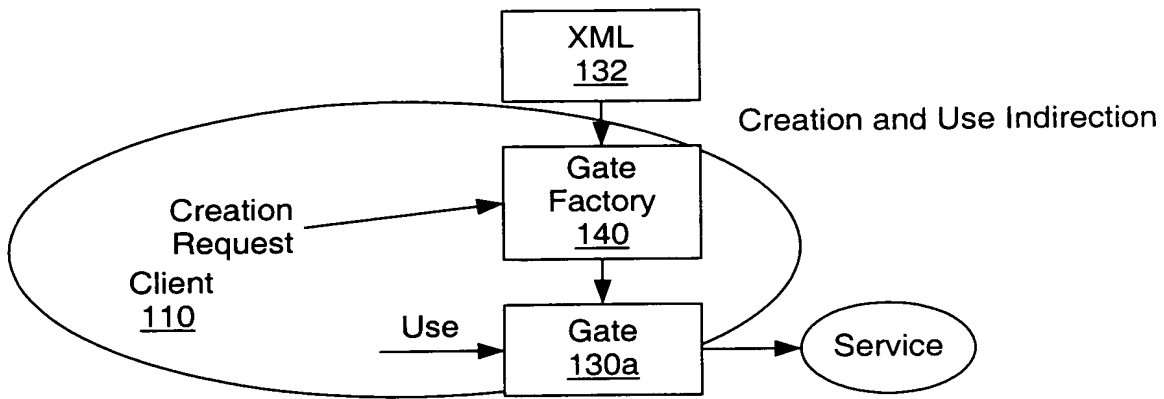


Fig. 11a

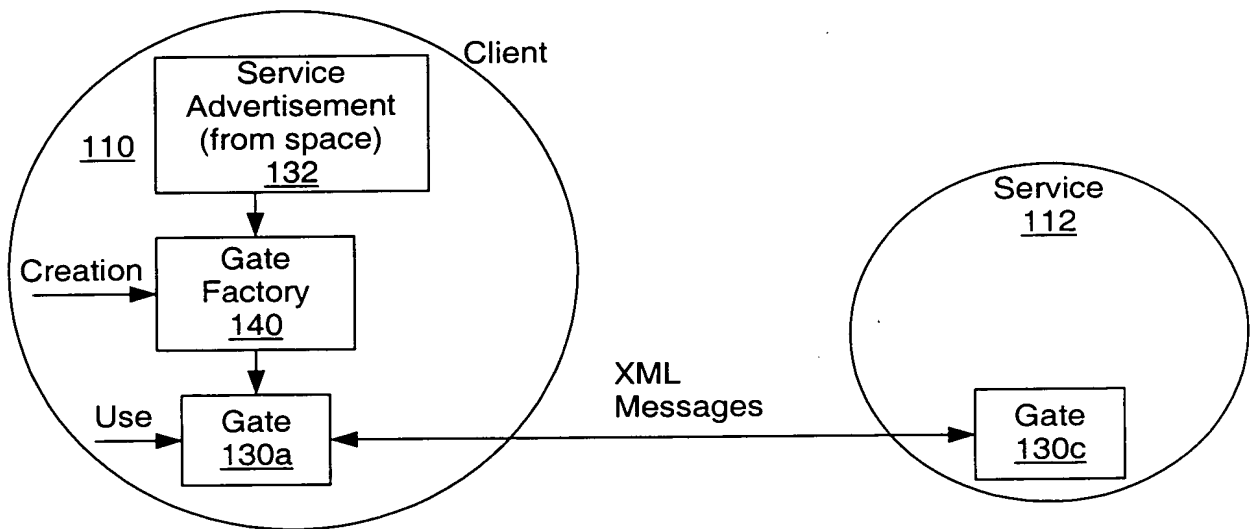


Fig. 11b

The diagram illustrates the components and connections of a Message Gate and Message System. On the left, a large box labeled "Message Gate" (156) contains several internal components: "Key" (150), "Name" (154), "Schema" (160), "Lease" (158), "Dest. GateName" (152), "Conductor" (153), and "Transport Ref." (153). Below the Message Gate is a "Message System" box, which is connected to a "Transport" box. To the right, a "Client or Service" oval is connected to a "Message Gate" box, which is connected to a "Message System" box, which is connected to a "Transport" box. The two "Transport" boxes are connected to each other via a double-headed arrow.

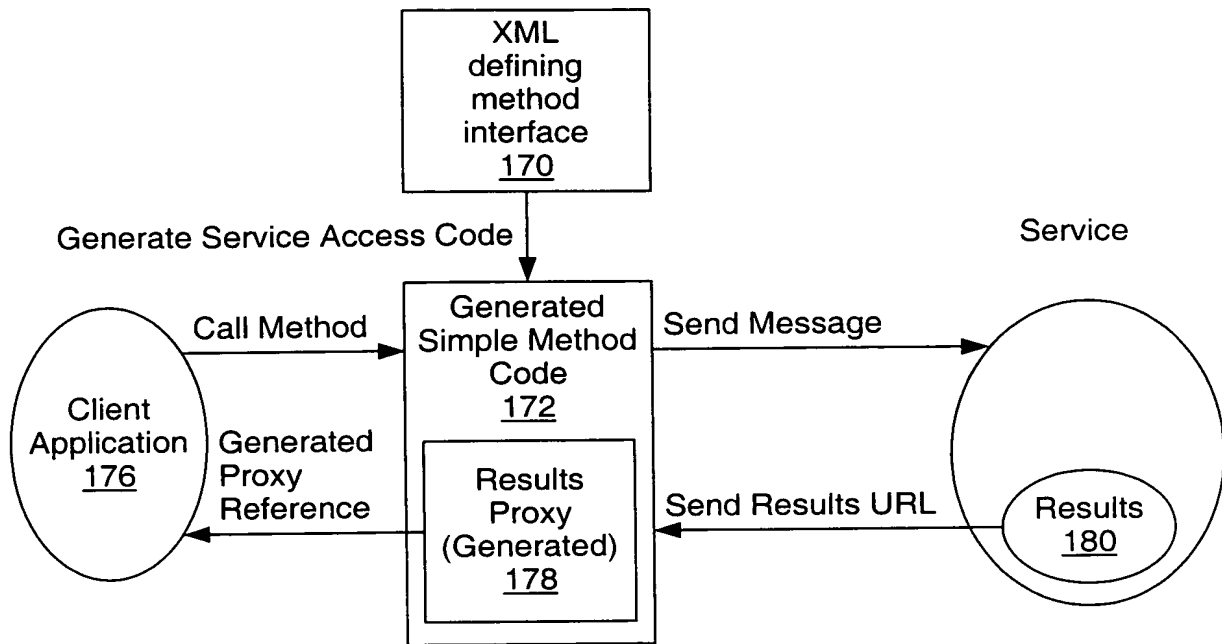


Fig. 14

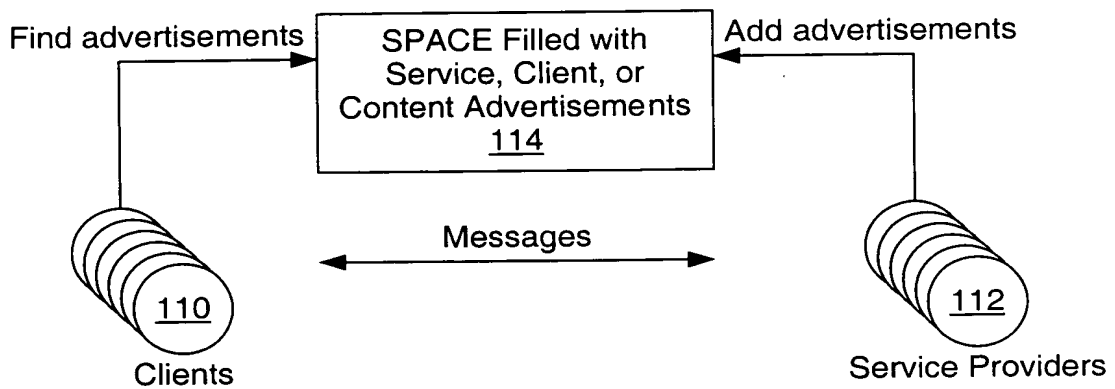


Fig. 15

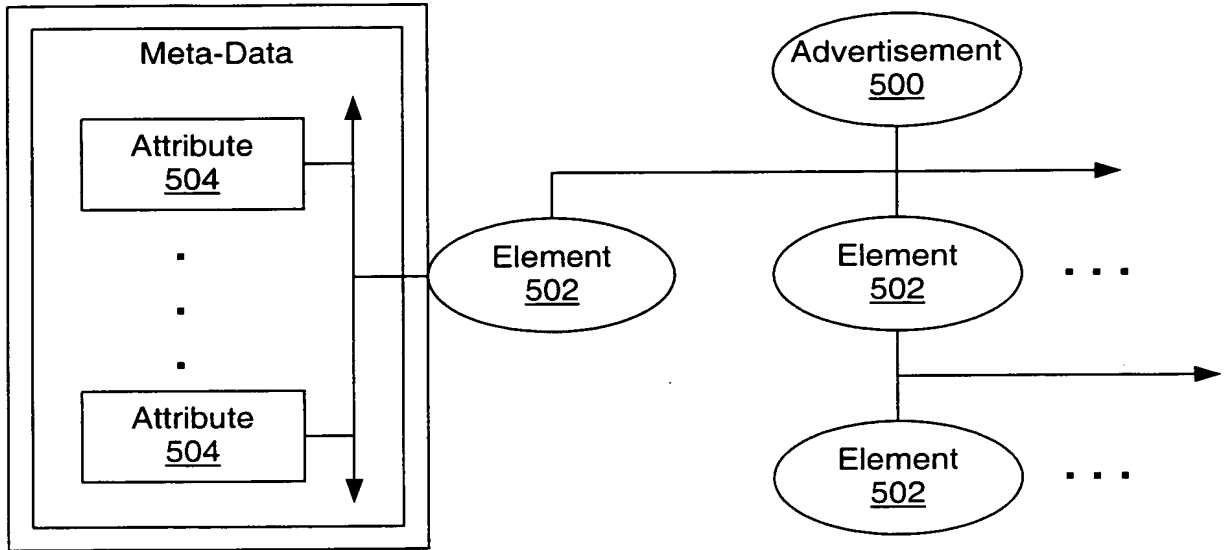


Fig. 16

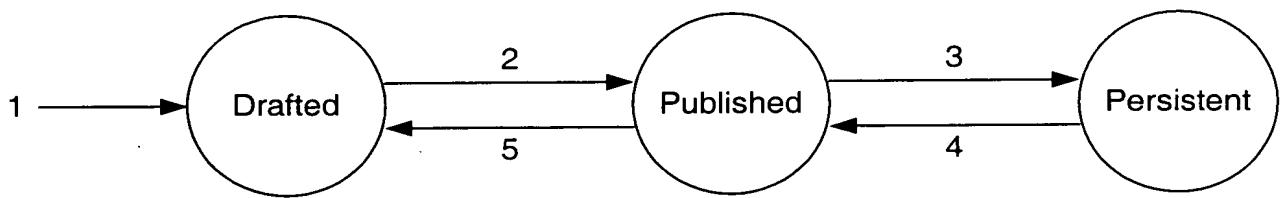


Fig. 17

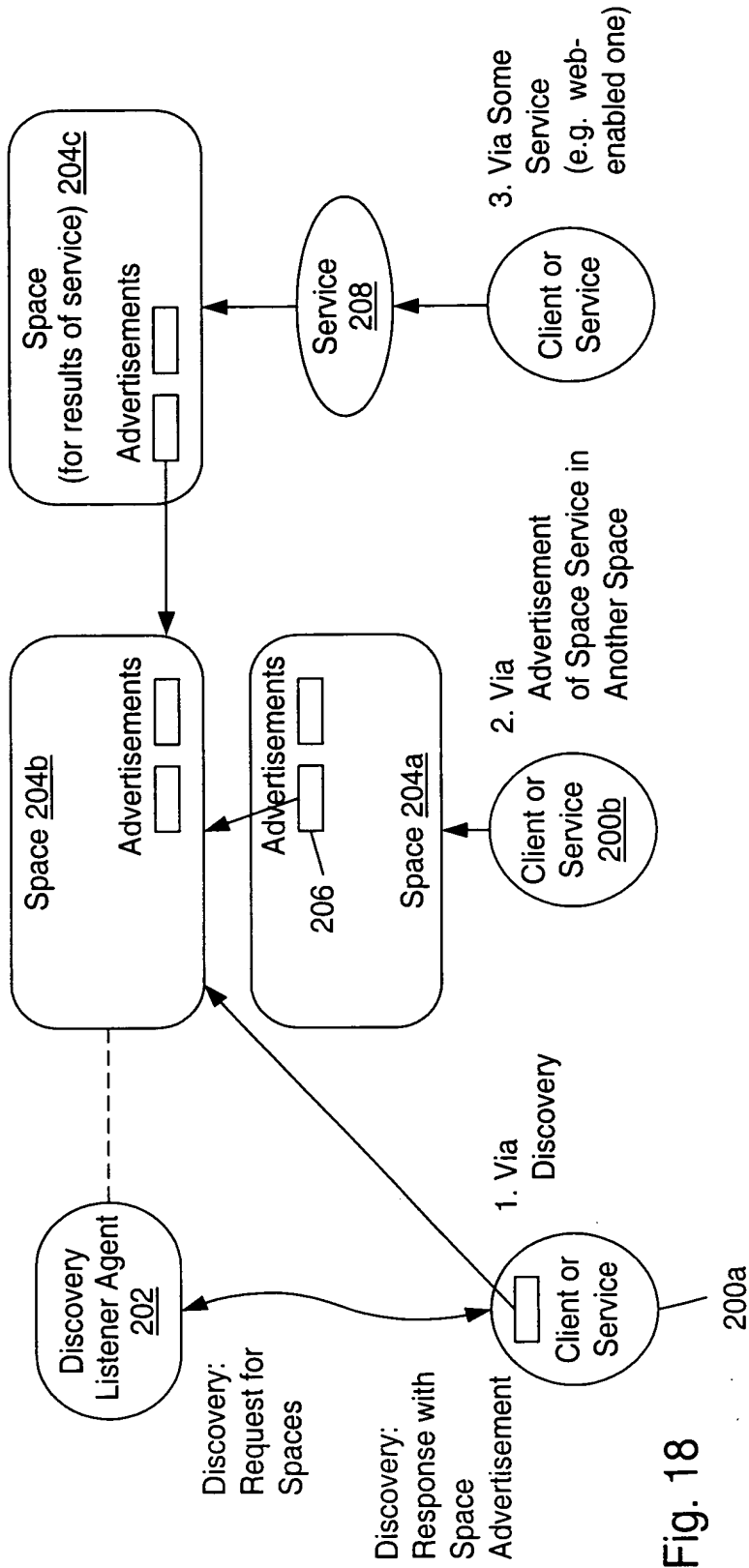


Fig. 18

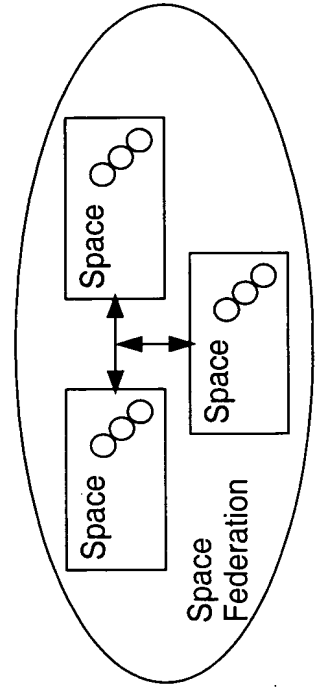


Fig. 19

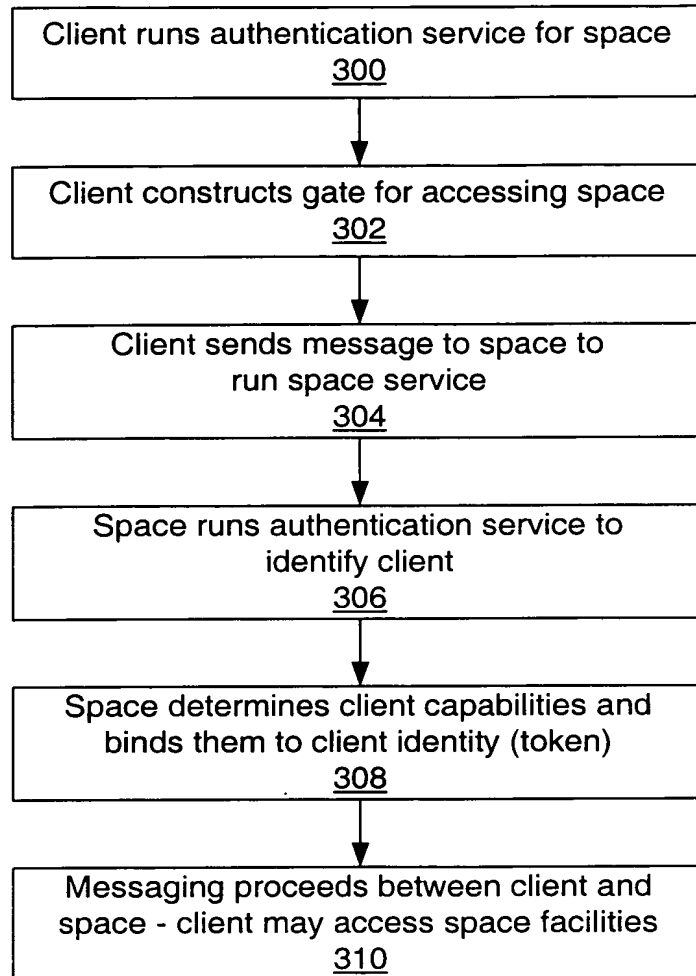


Fig. 20

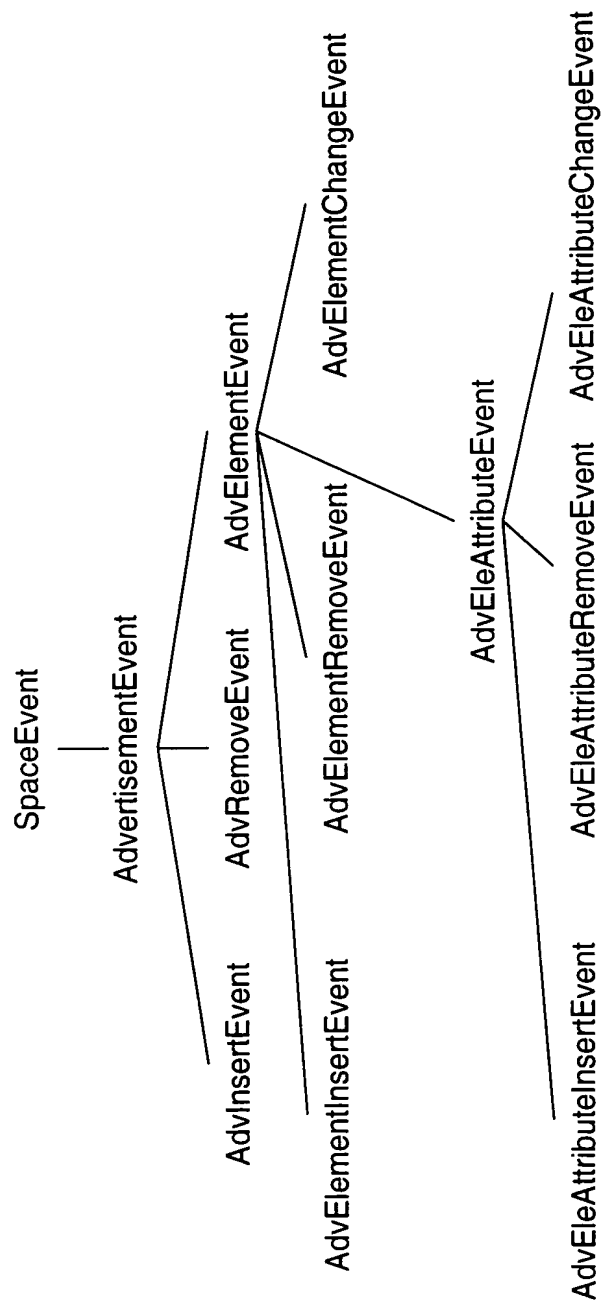


Fig. 21

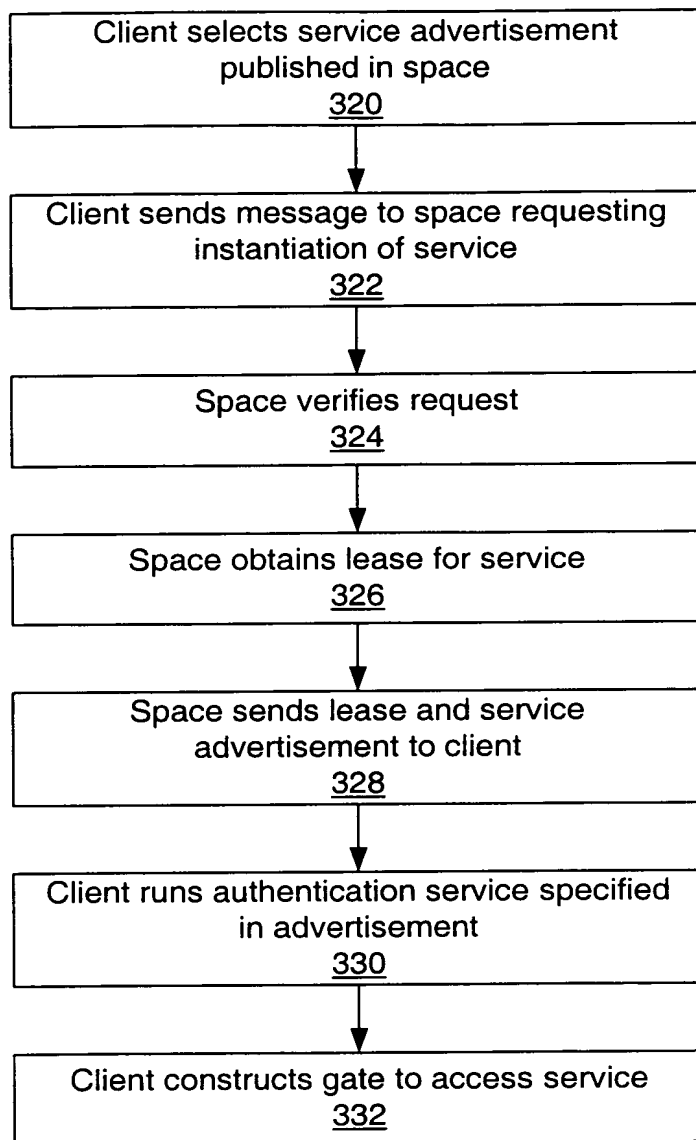


Fig. 22

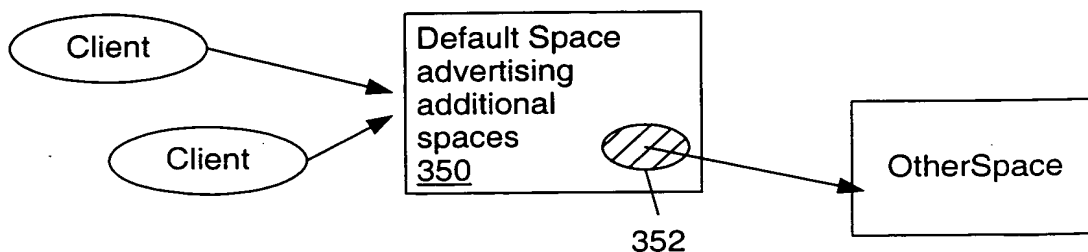


Fig. 23

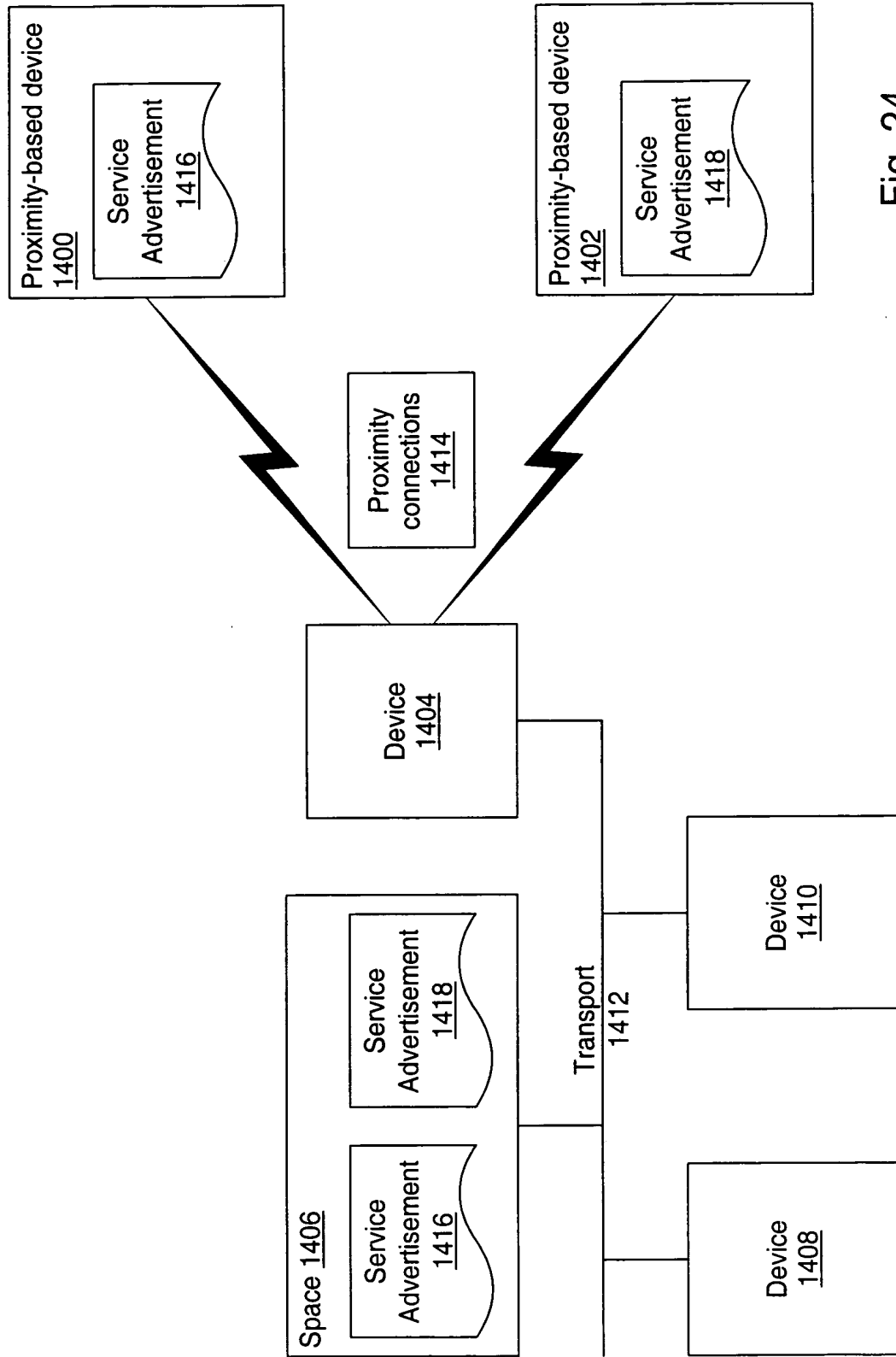


Fig. 24

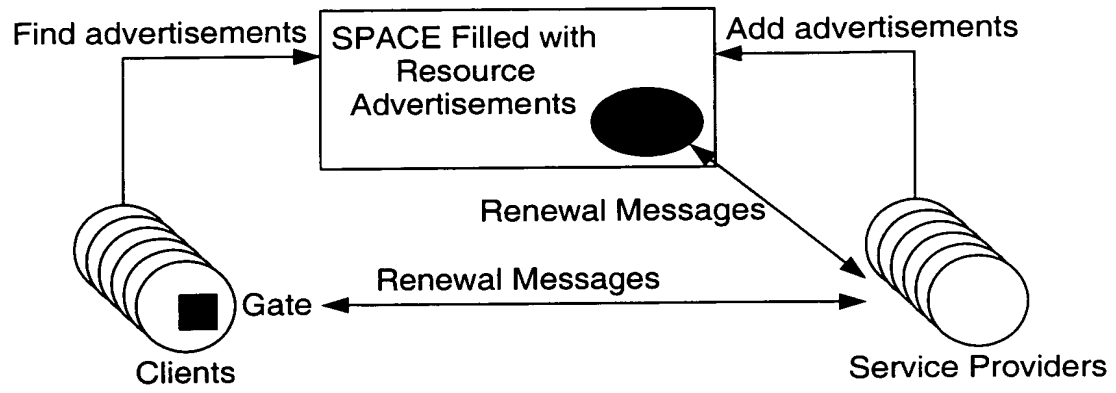


Fig. 25

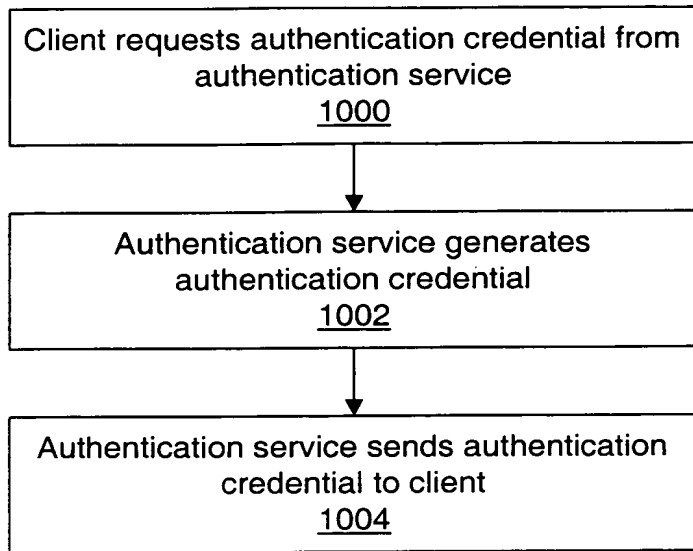


FIG. 26a

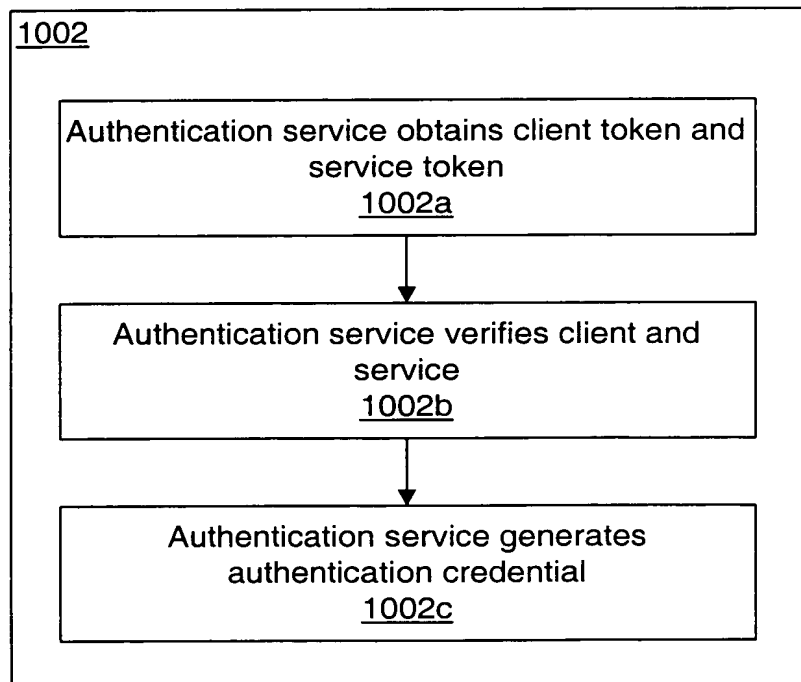


FIG. 26b

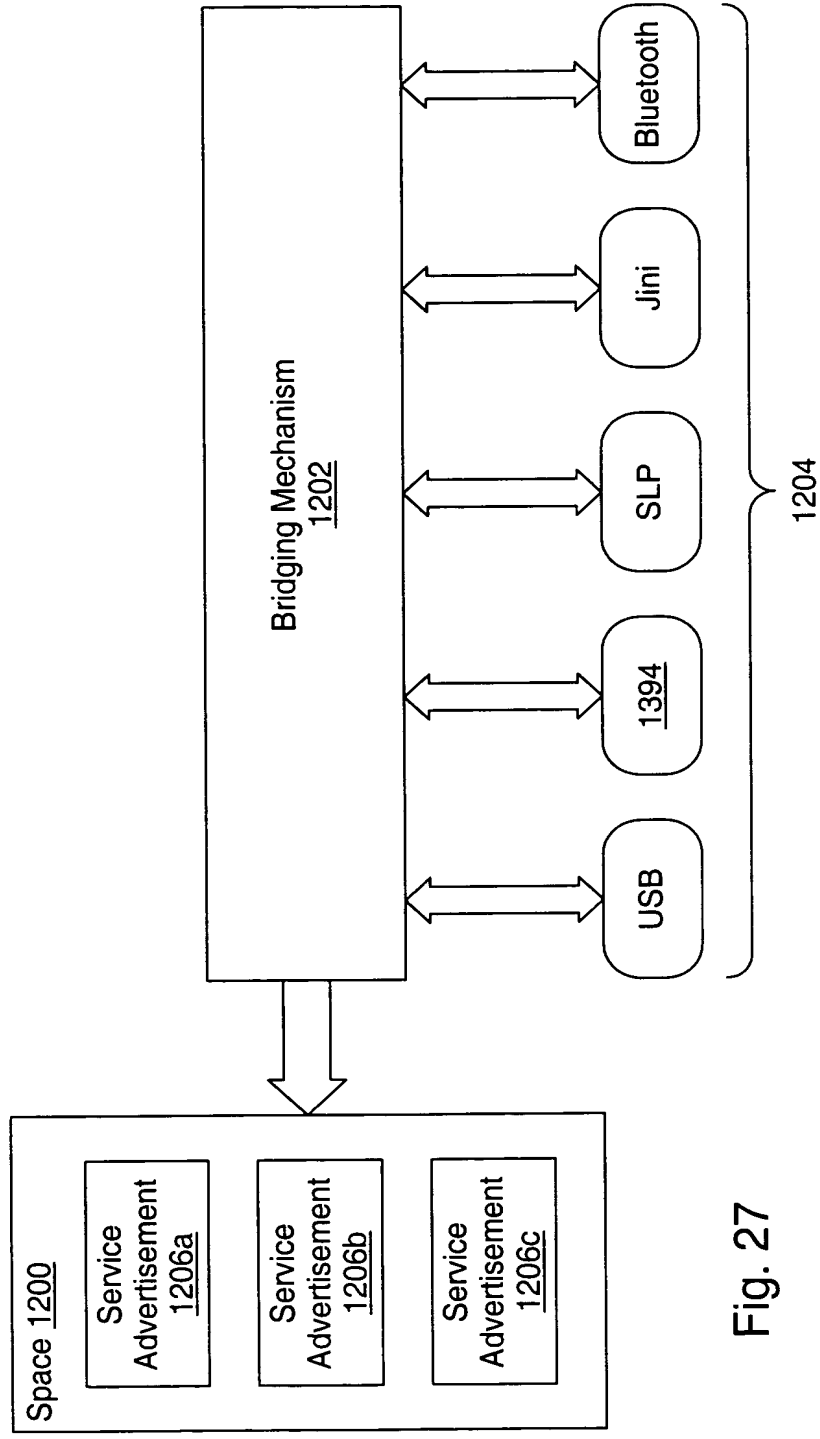


Fig. 27

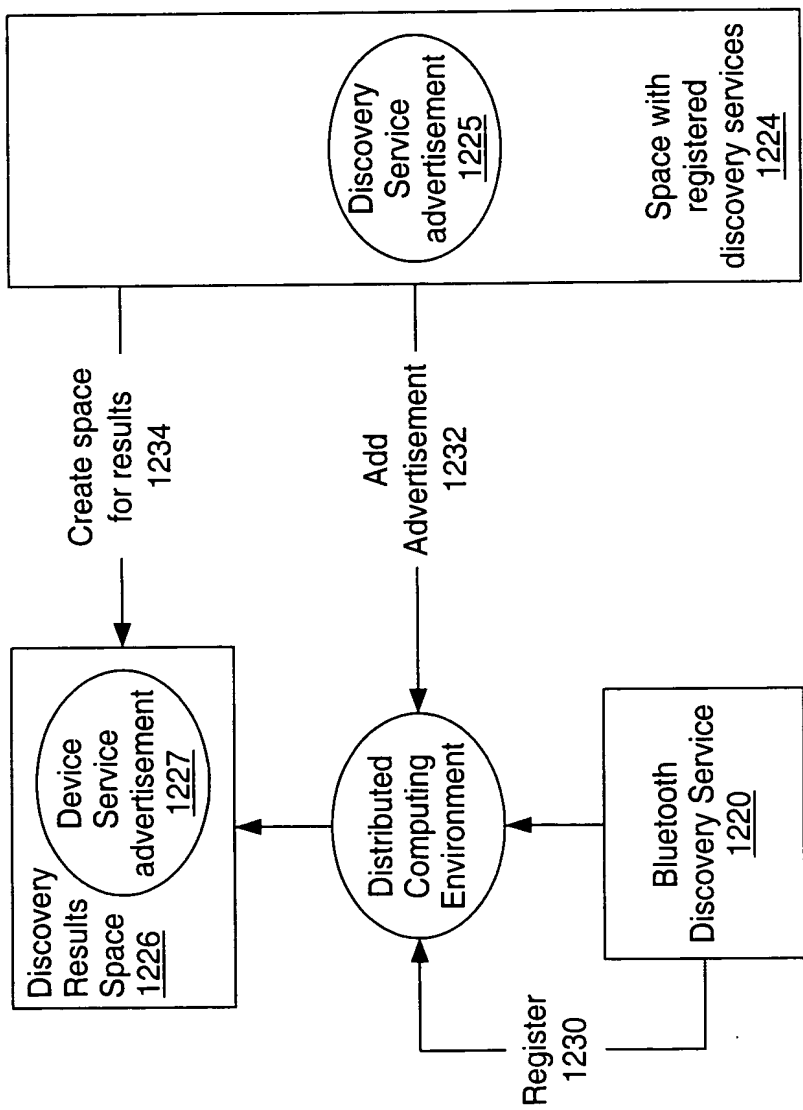


Fig. 28

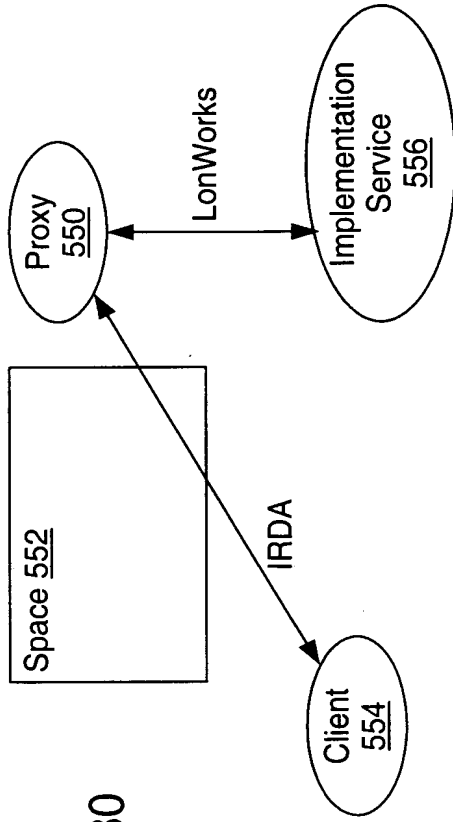


Fig. 30

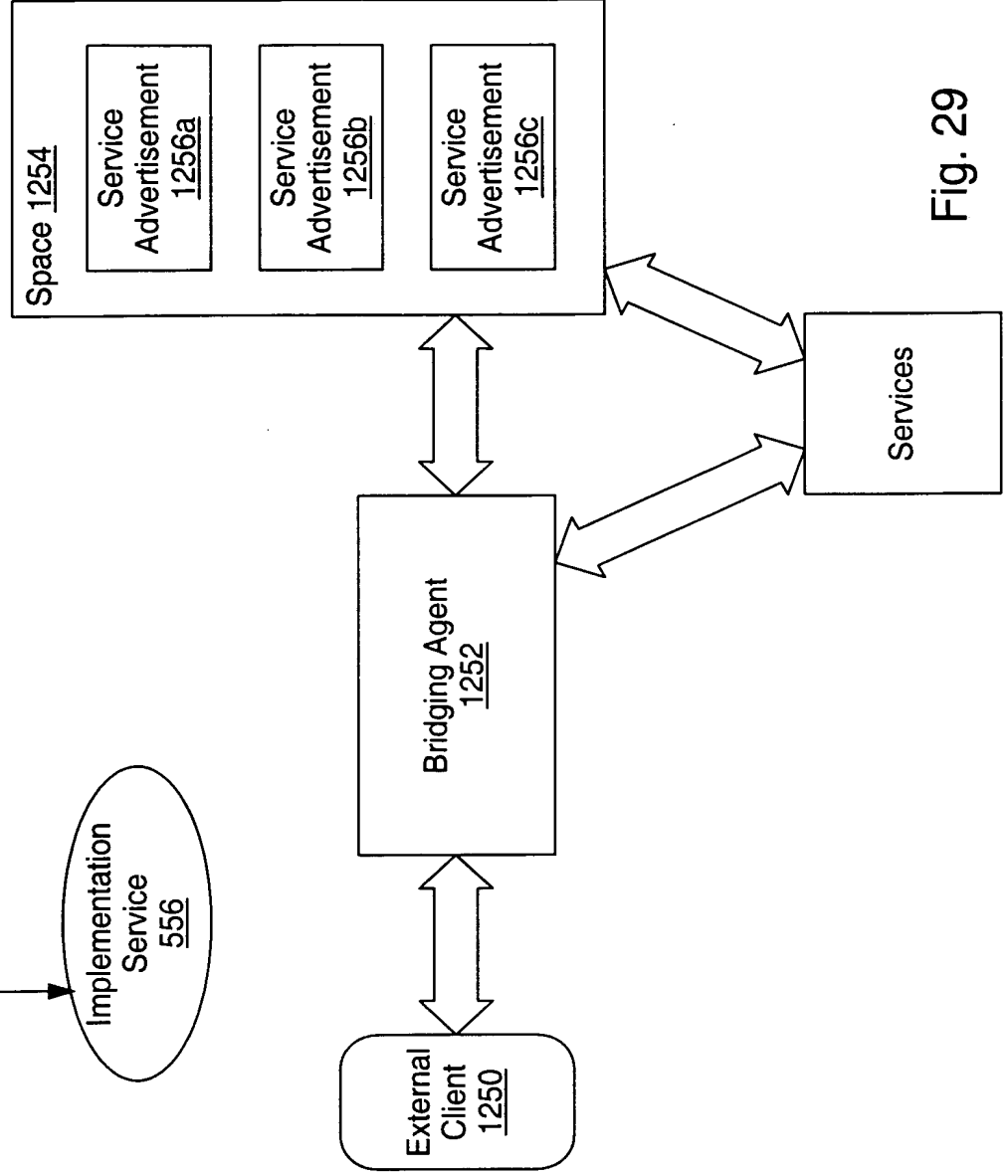


Fig. 29

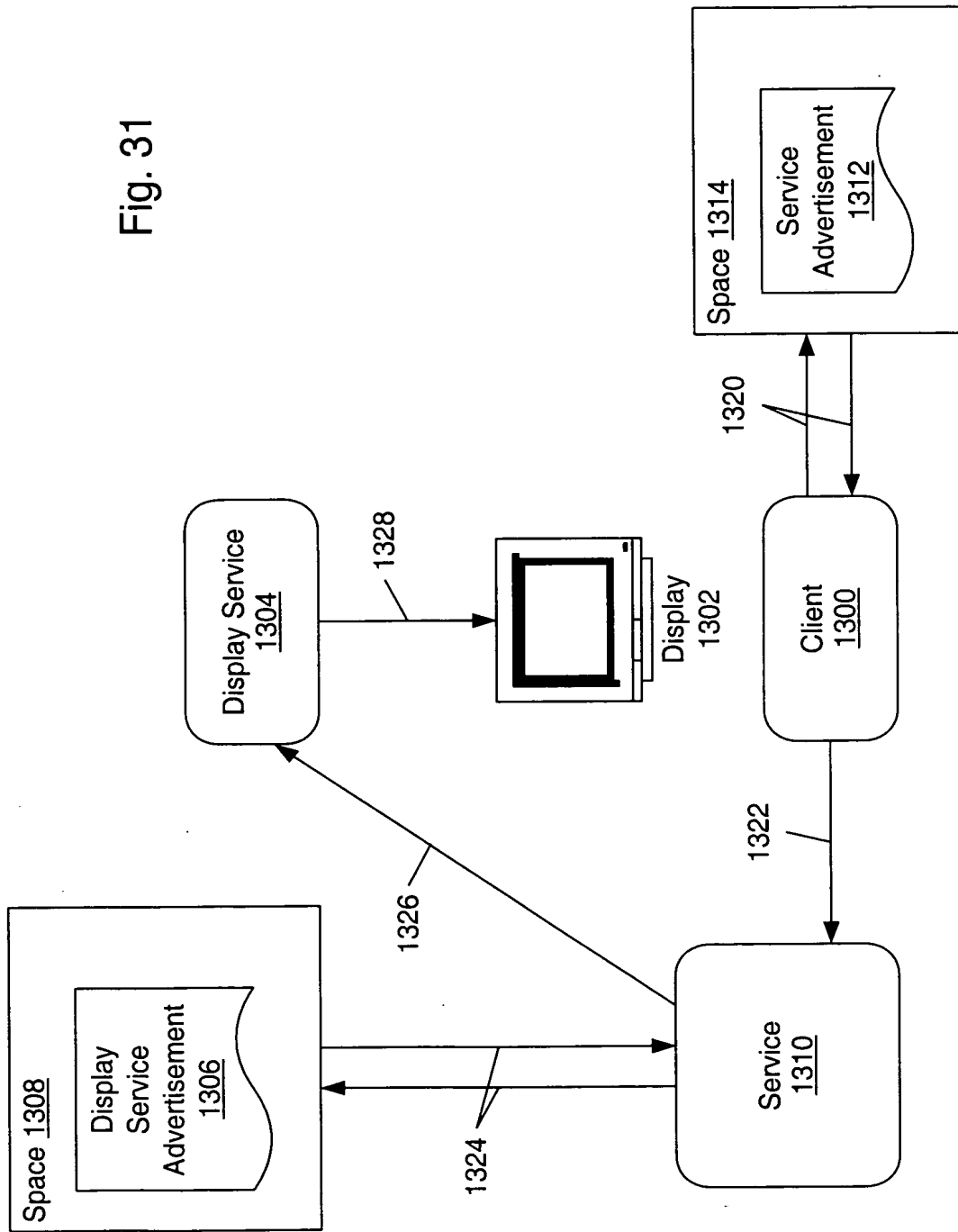


Fig. 31

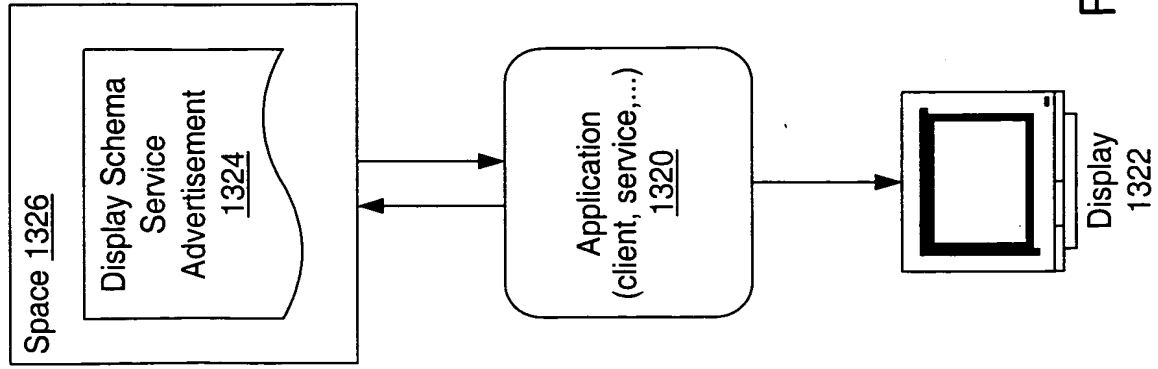


Fig. 32A

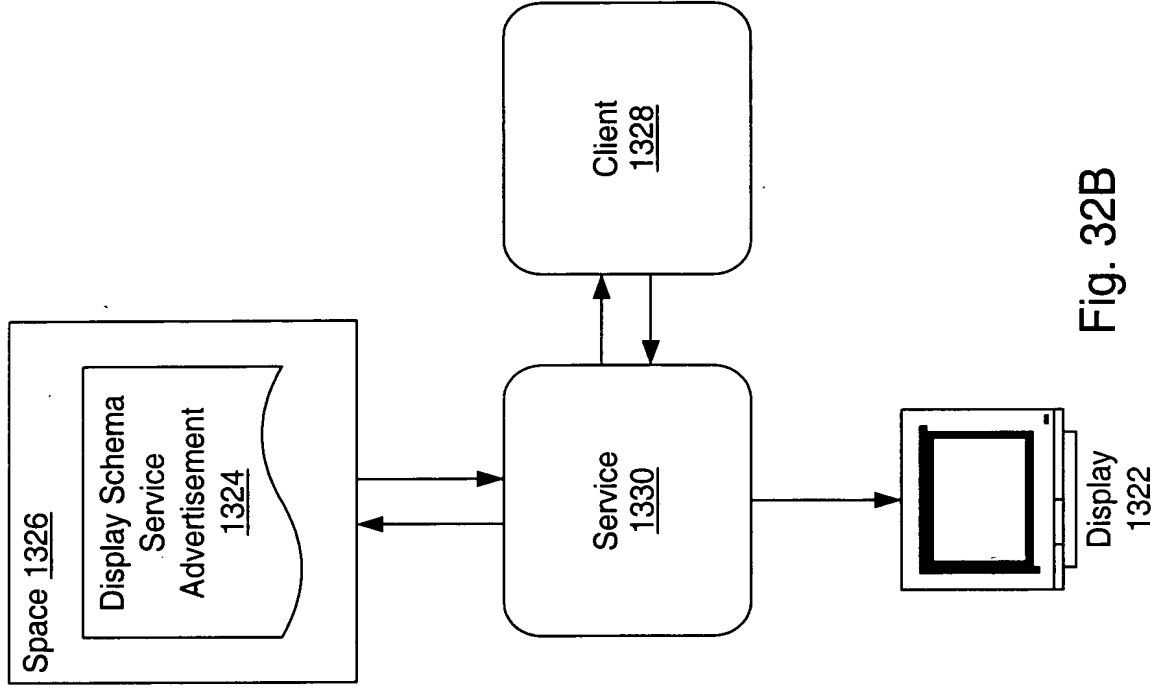


Fig. 32B

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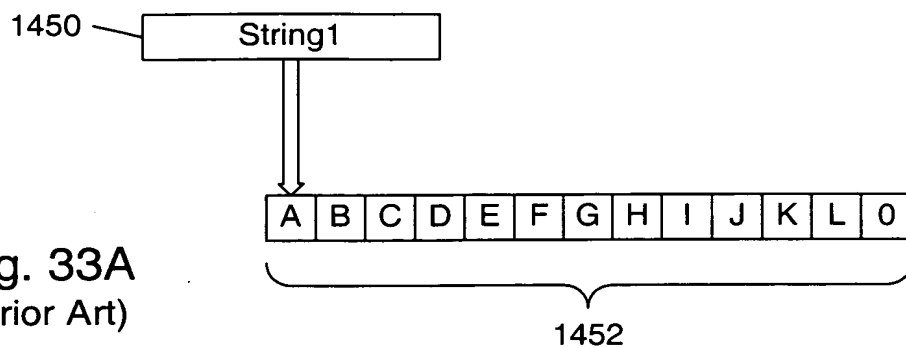


Fig. 33A
(Prior Art)

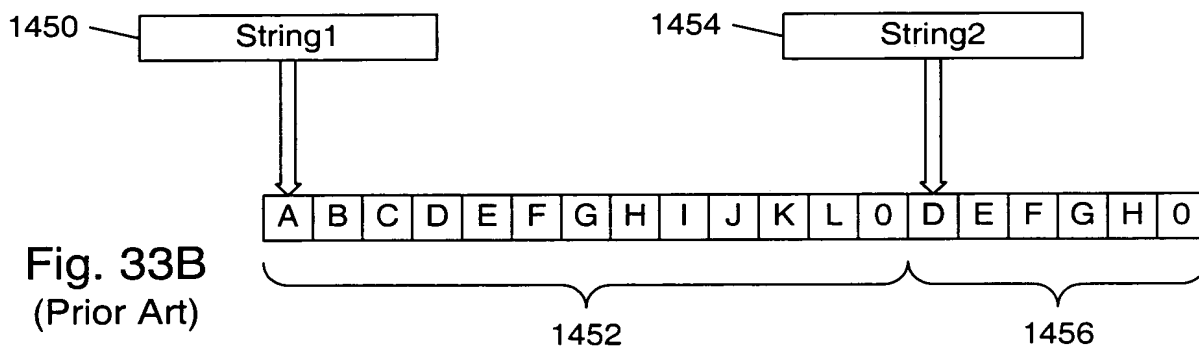


Fig. 33B
(Prior Art)

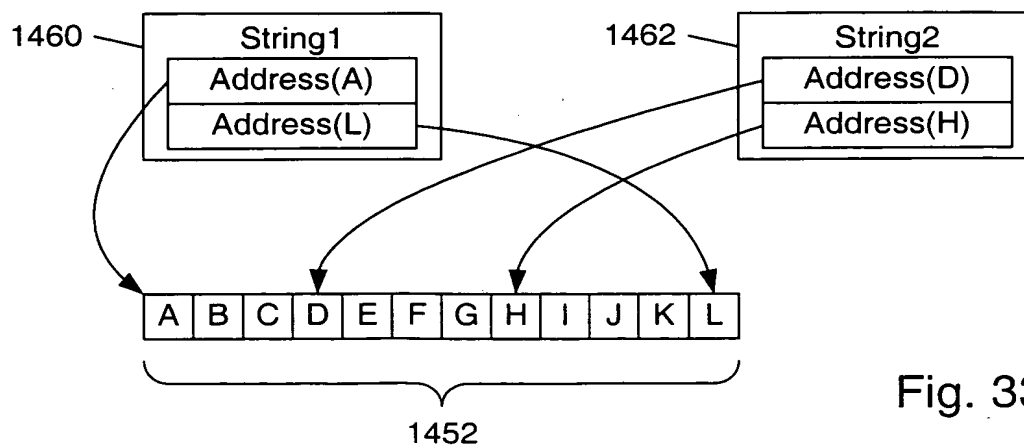


Fig. 33C

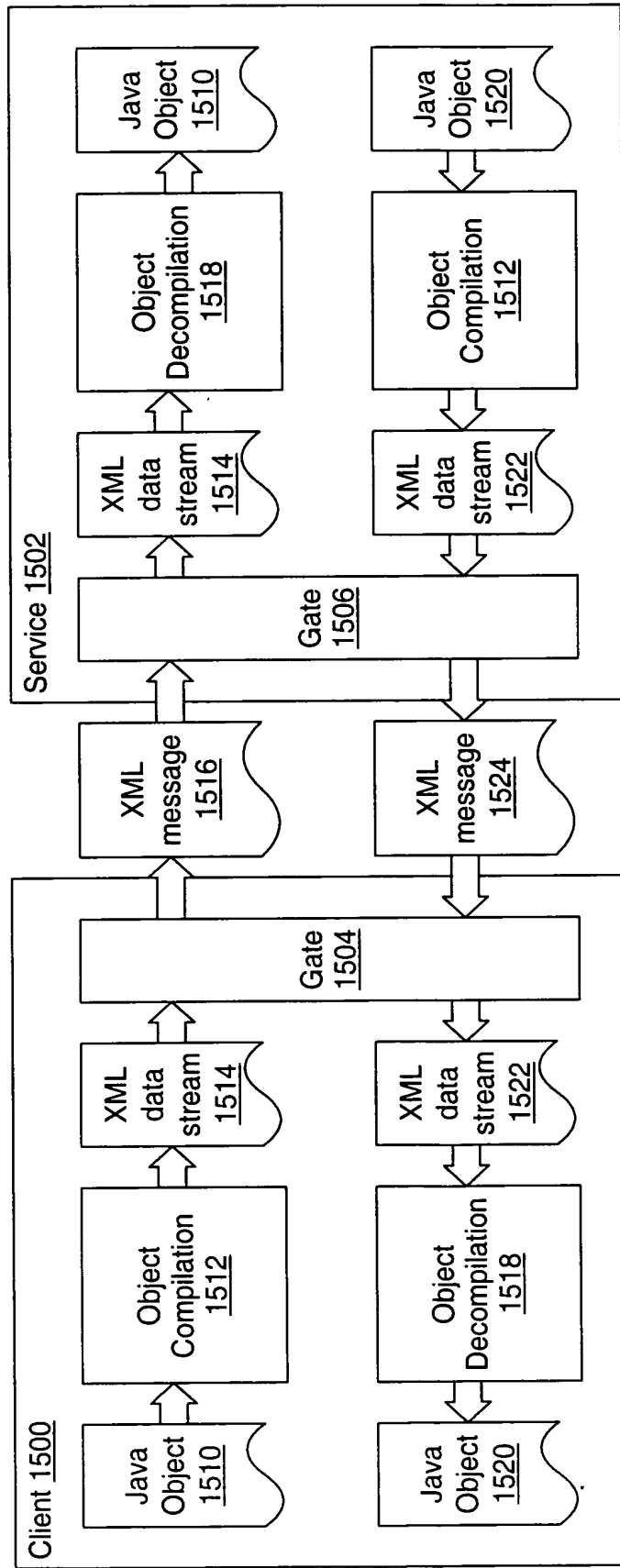


Fig. 34

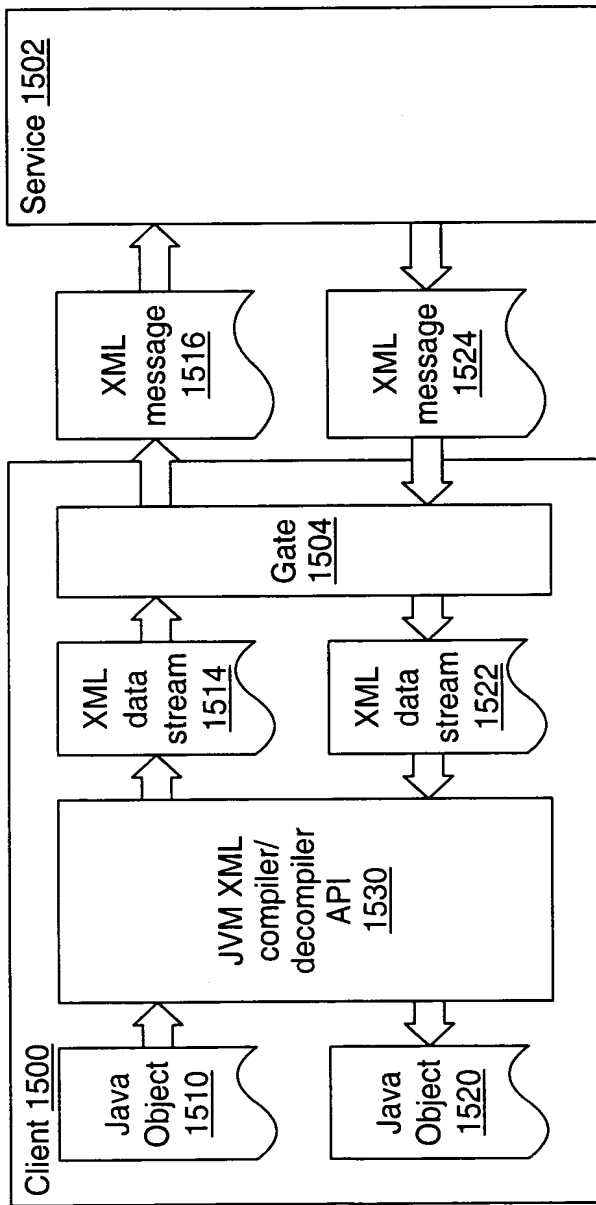


Fig. 35a

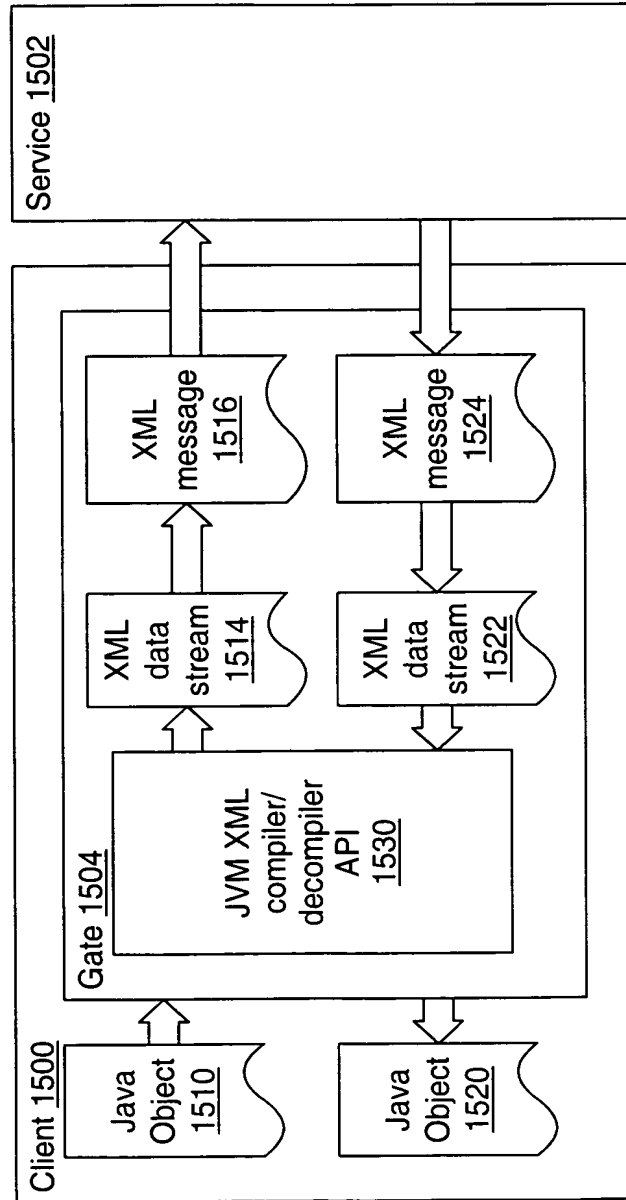


Fig. 35b

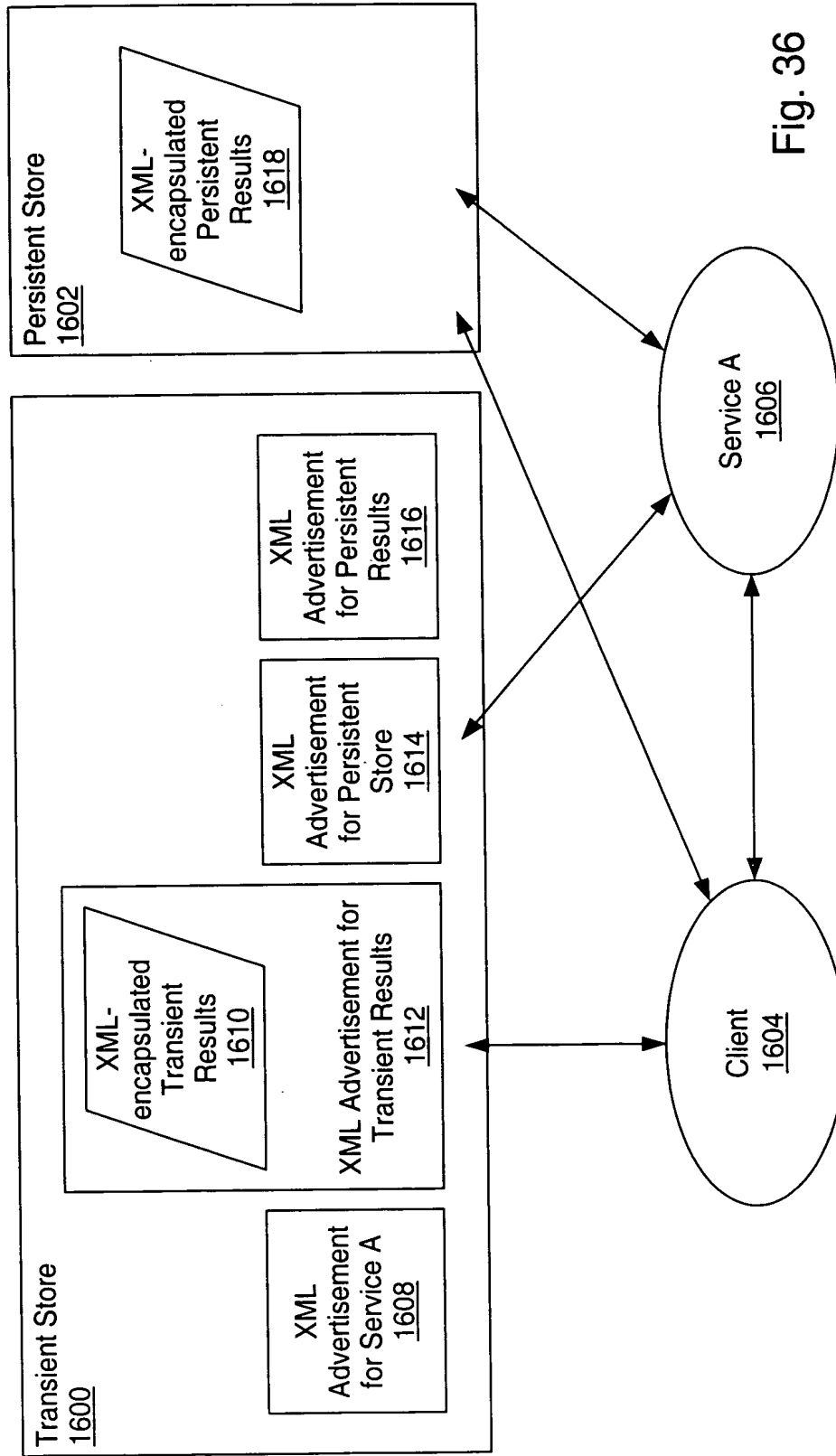


Fig. 36

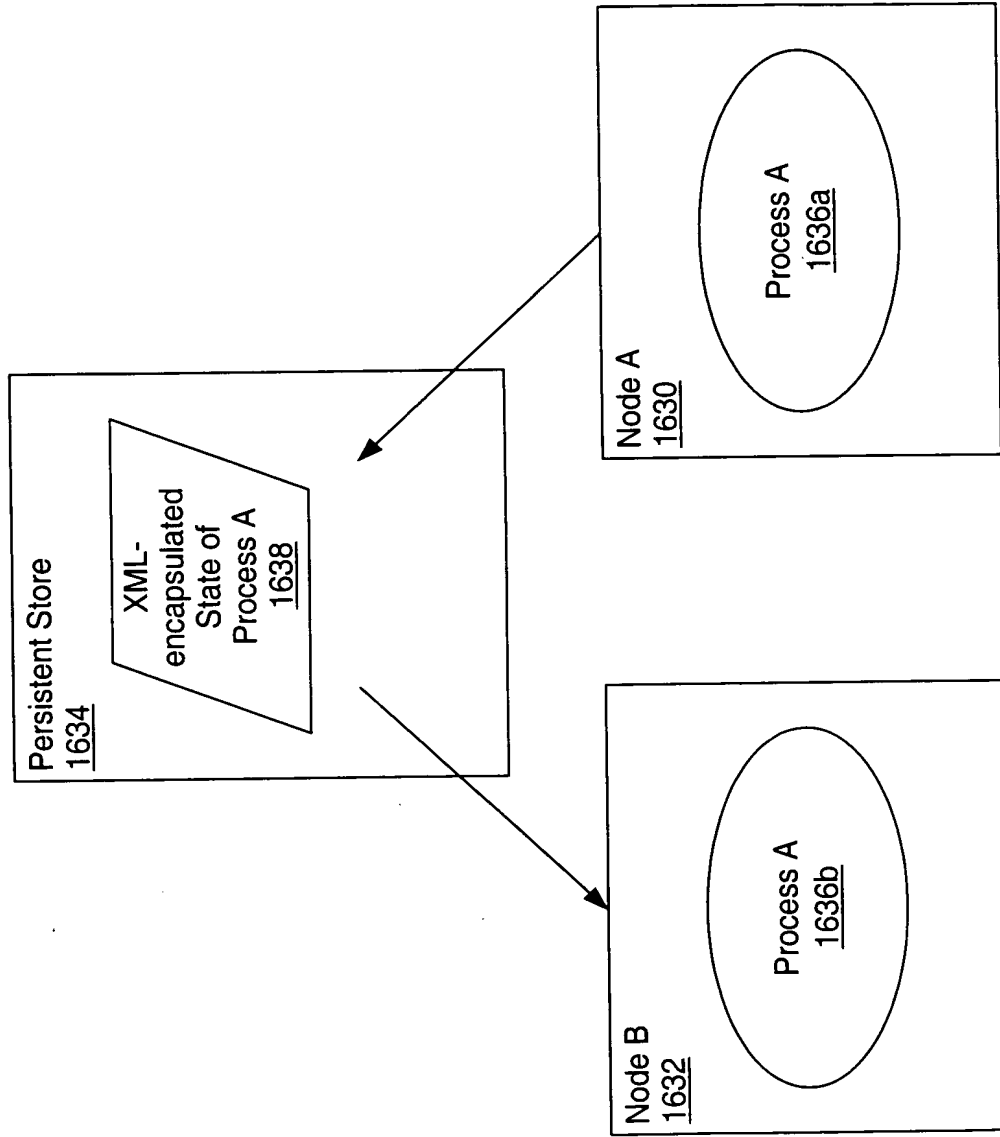


Fig. 37

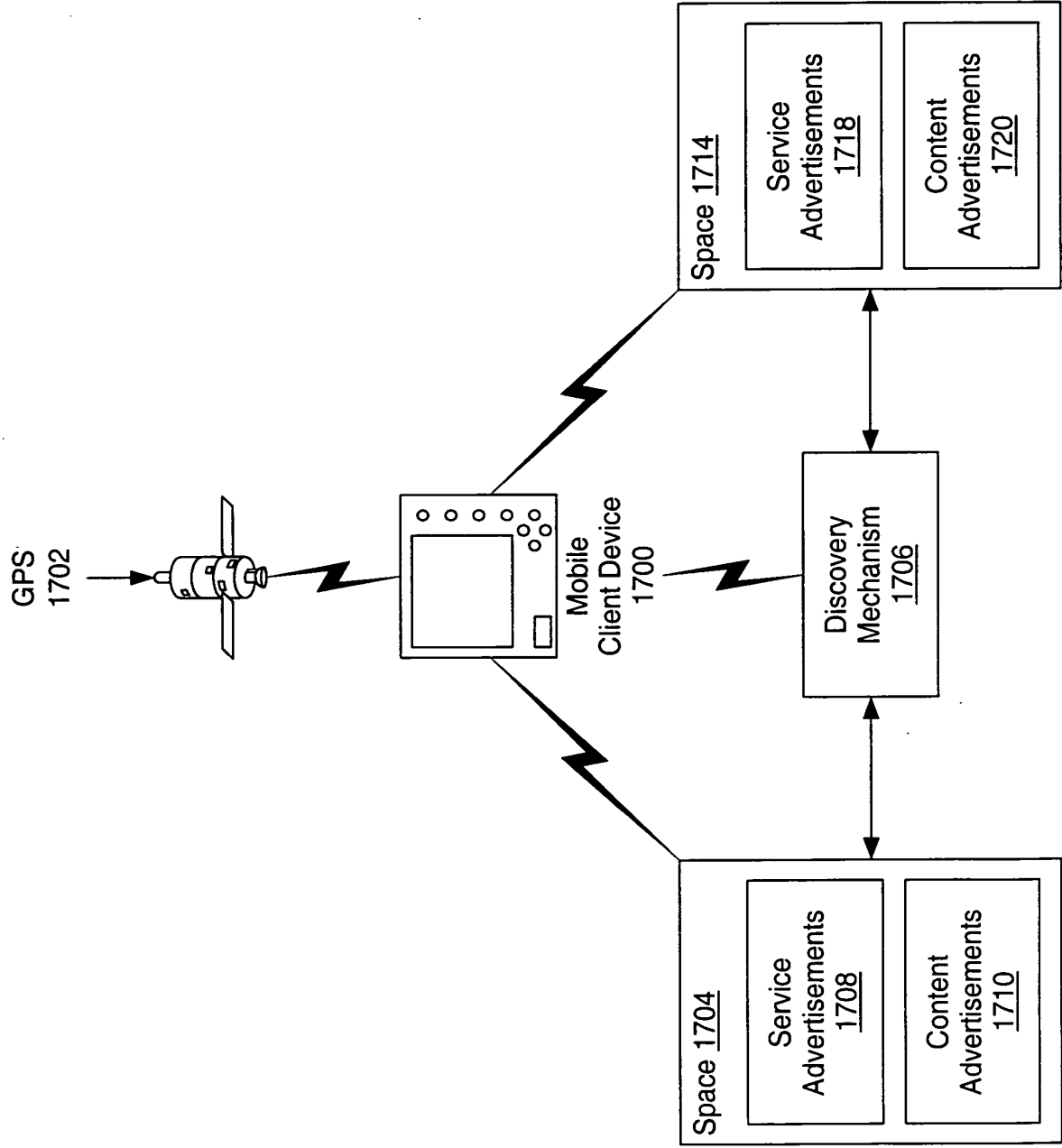


Fig. 38

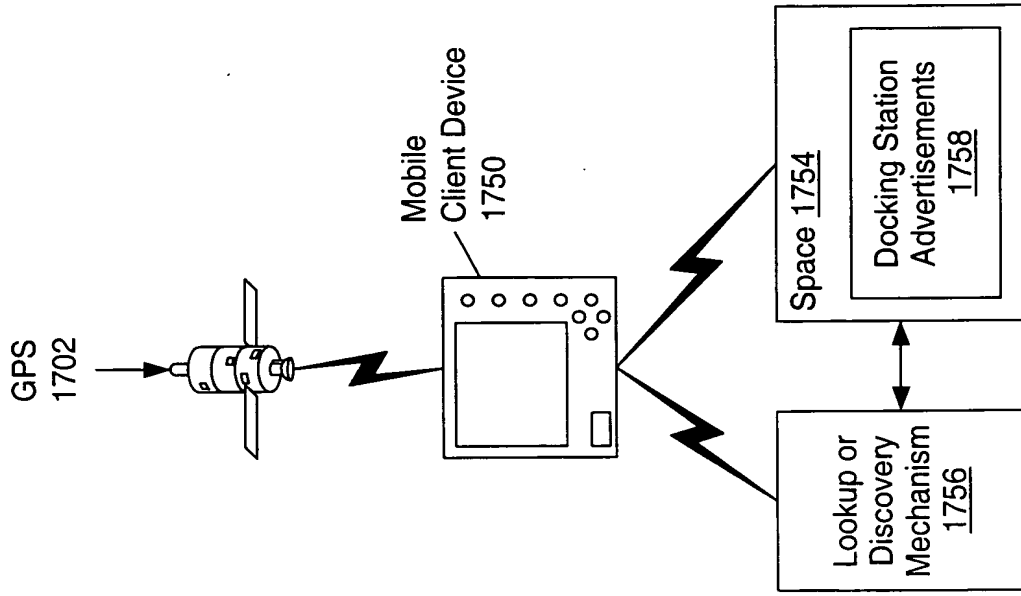


Fig. 39a

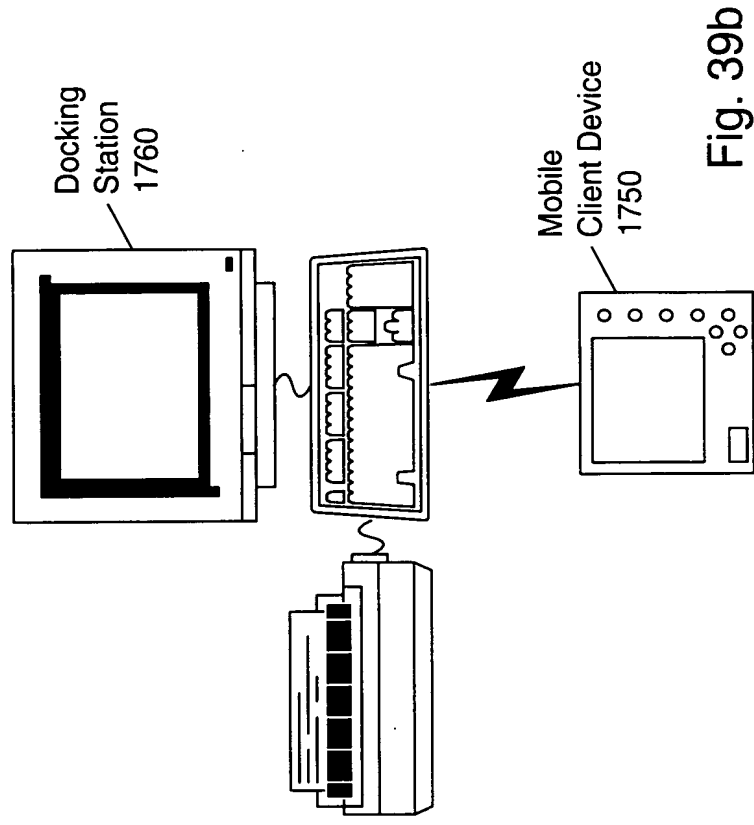


Fig. 39b

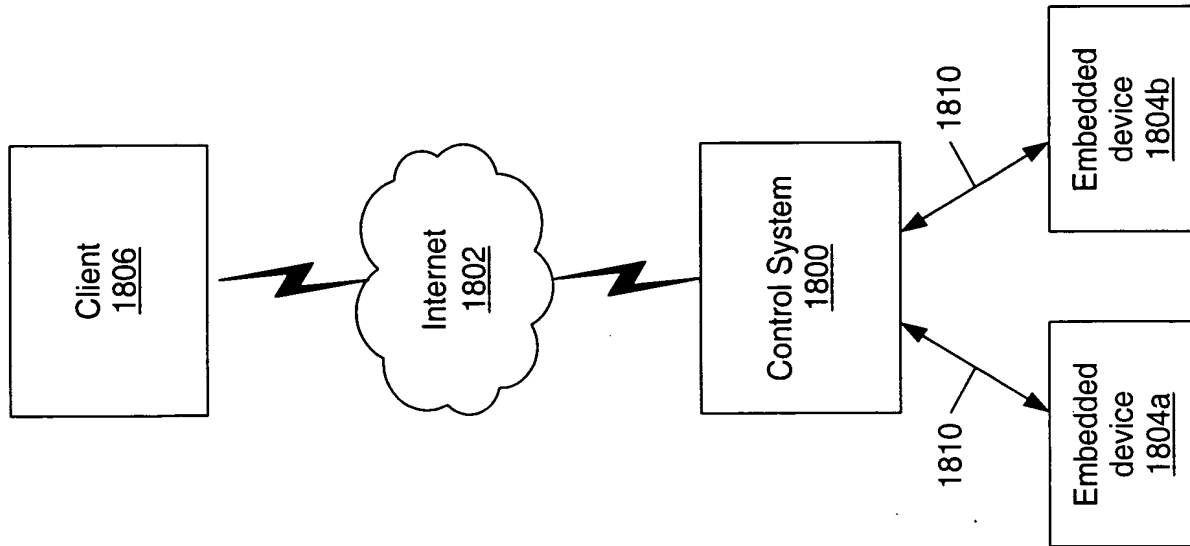


Fig. 40a

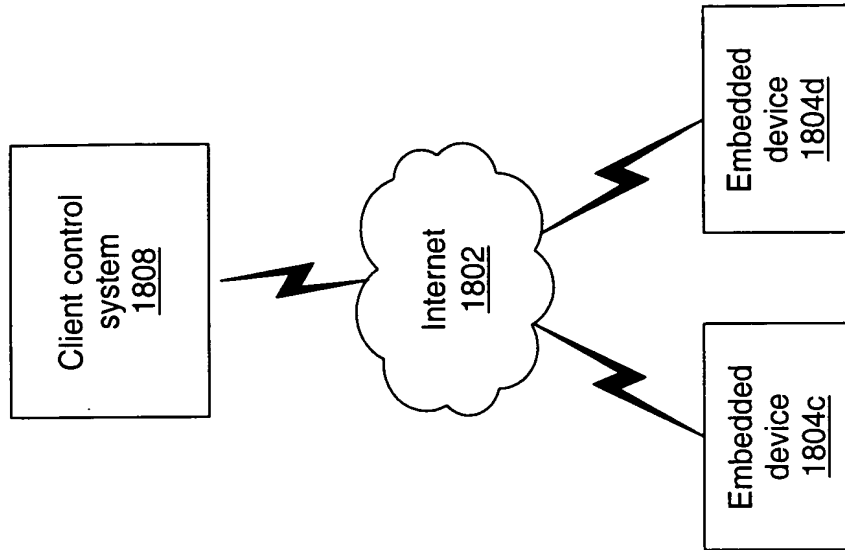


Fig. 40b

00693681-101900

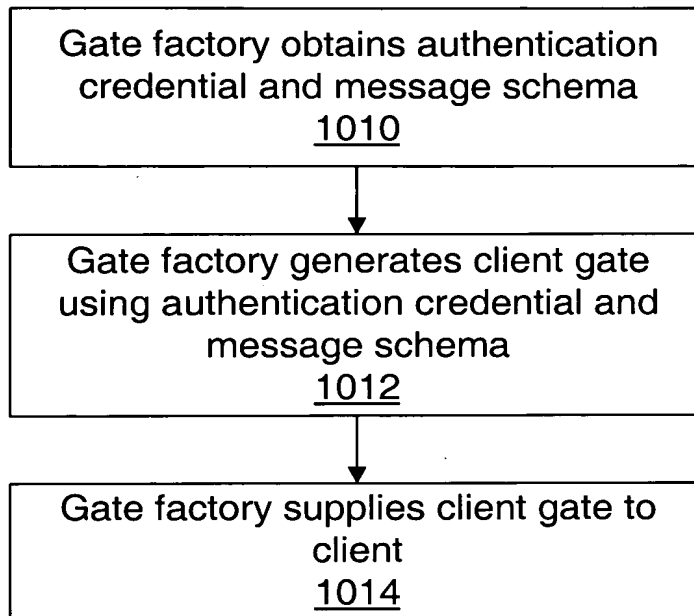


FIG. 41

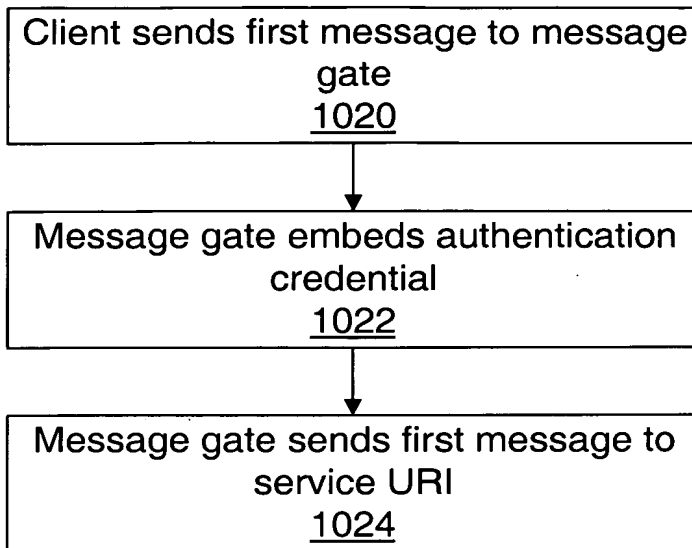


FIG. 42a

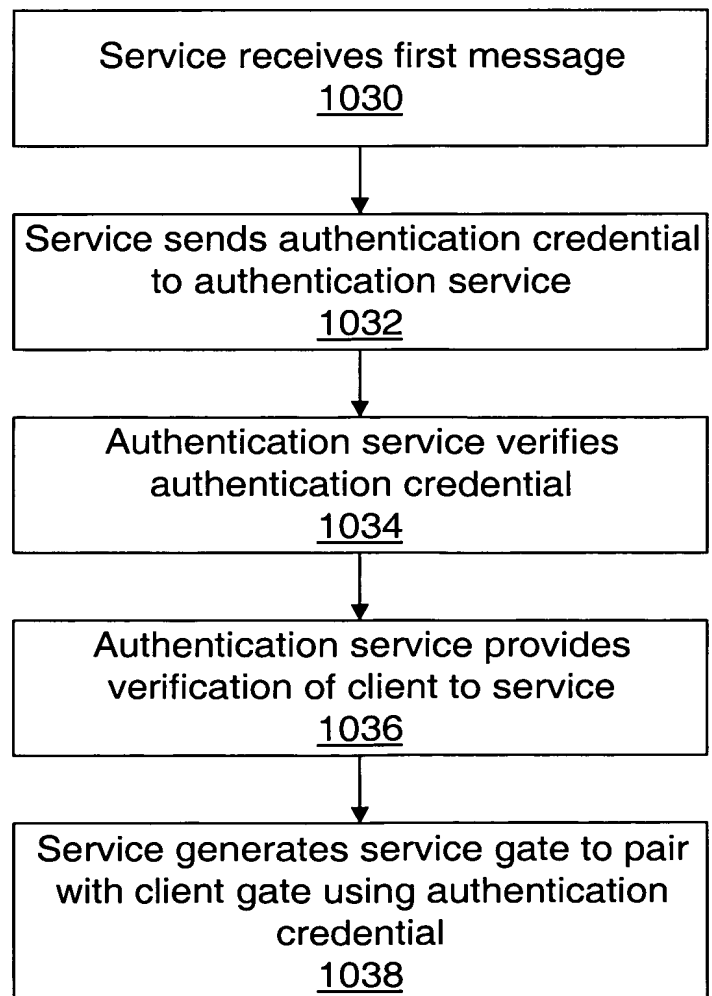


FIG. 42b

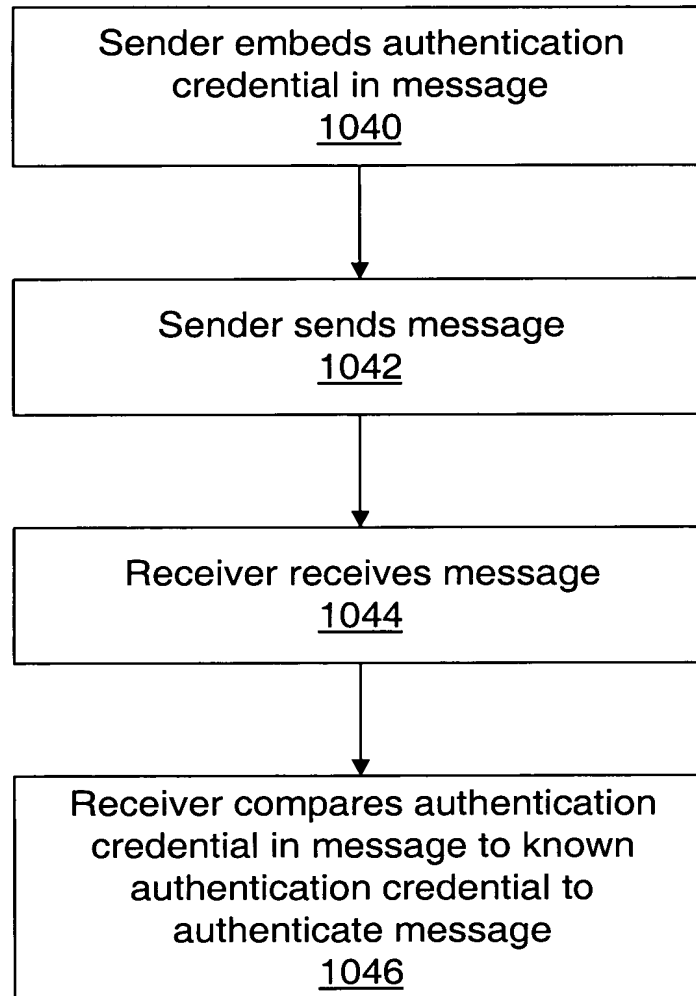


FIG. 42c

Sender embeds credential in message
1050



Sender sends message
1052



Receiver receives message
1054



Receiver examines credential and
message to verify message has not
been compromised
1056

FIG. 43

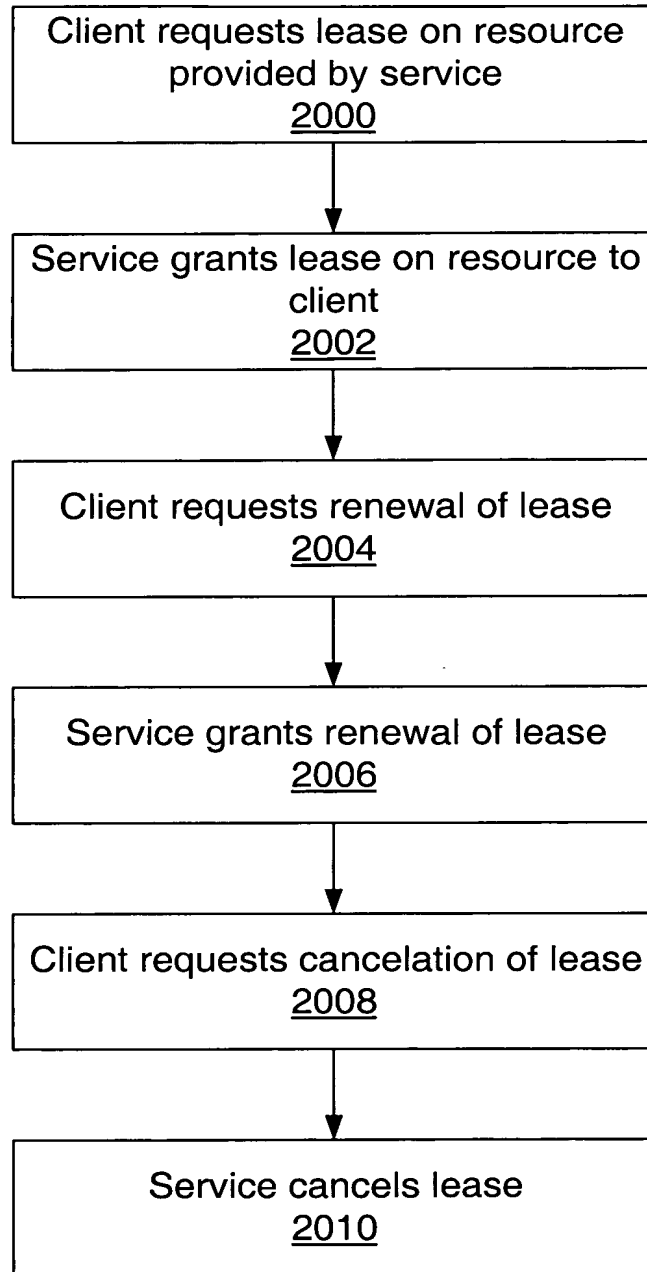


FIG. 44

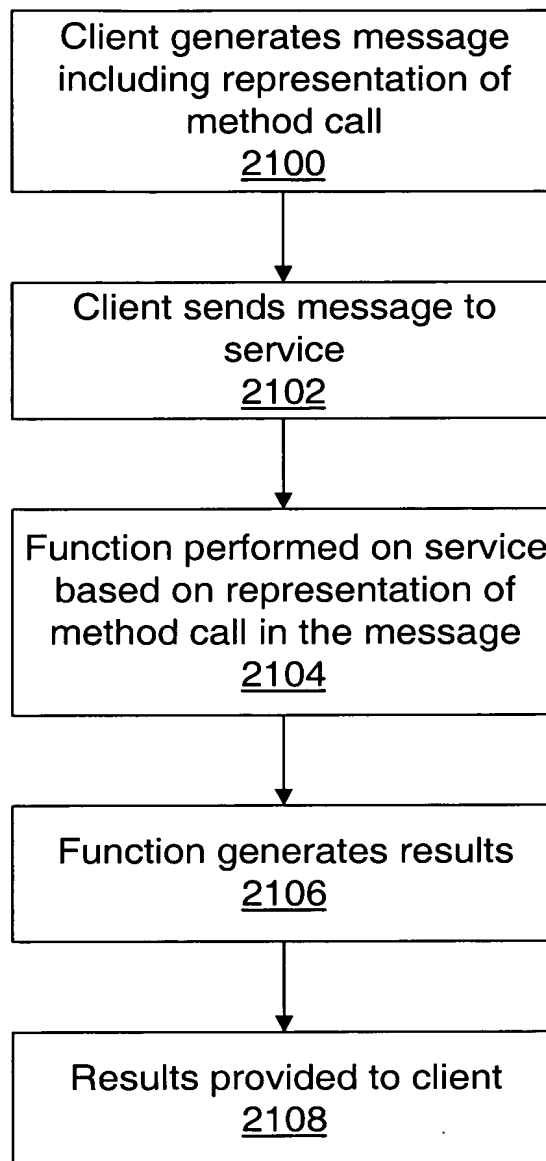


Figure 45a

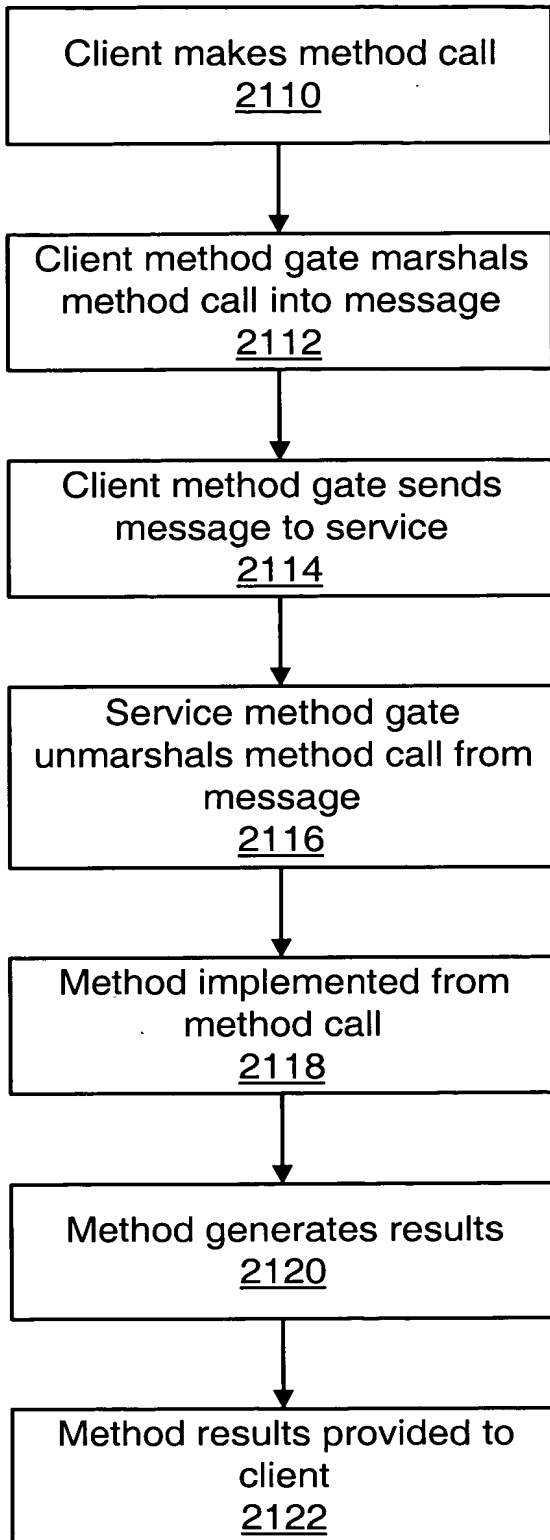


Figure 45b

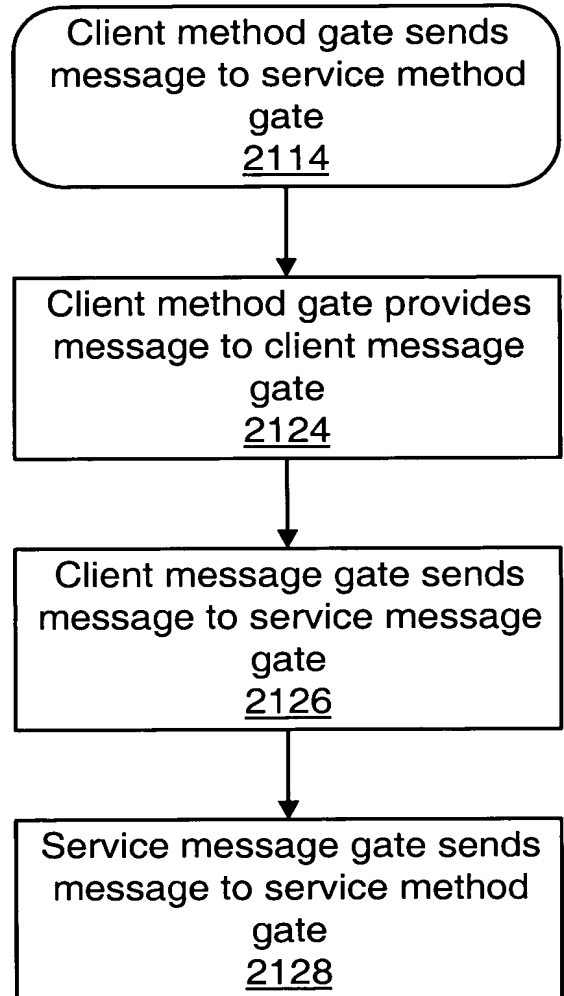


Figure 45c

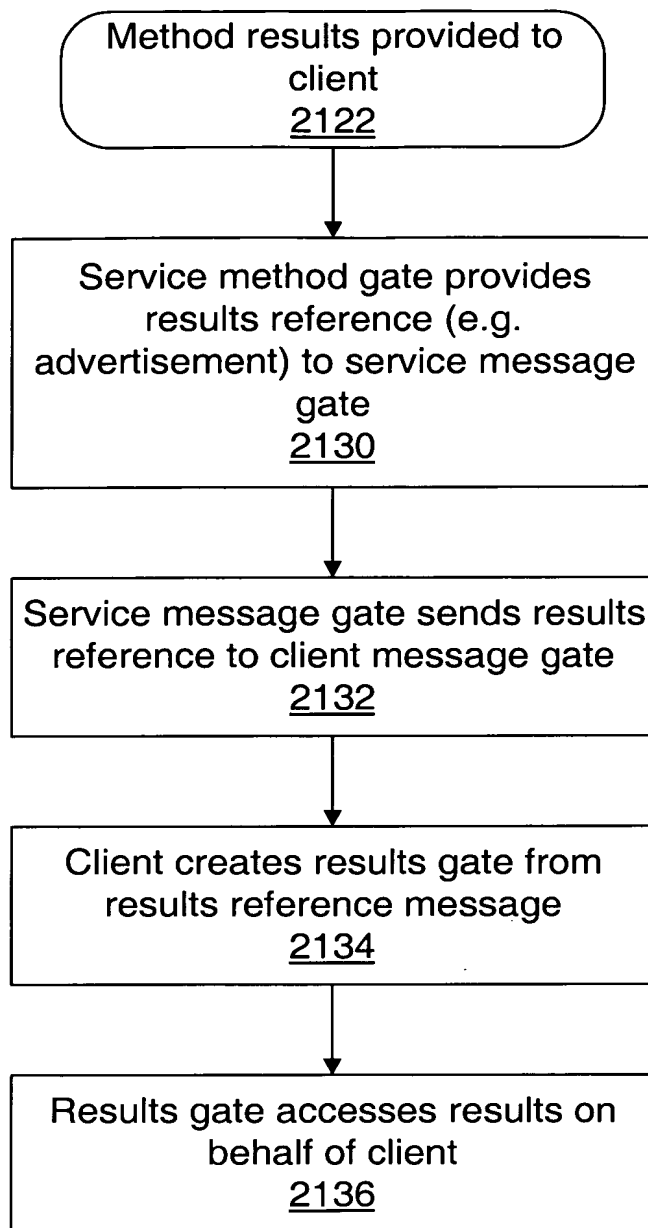


Figure 45d

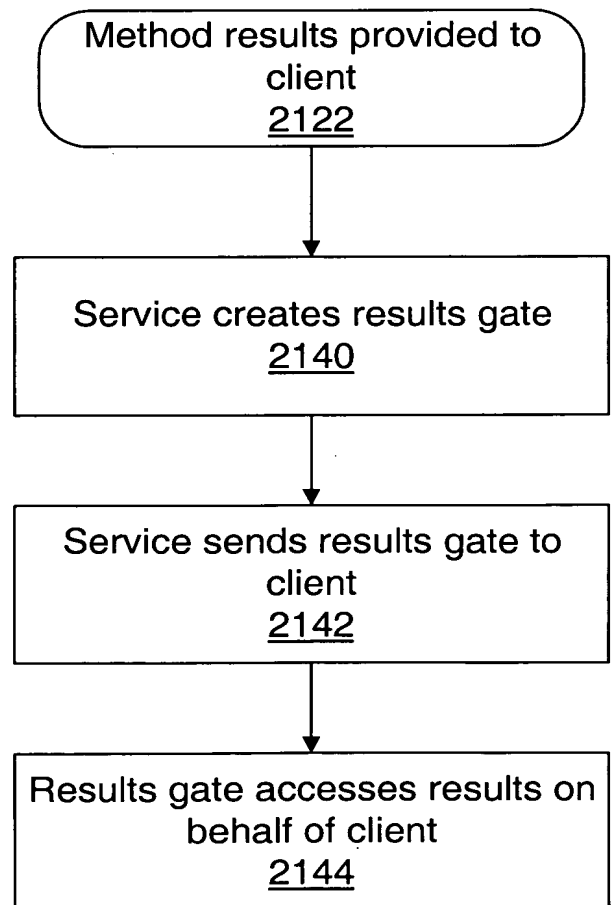


Figure 45e

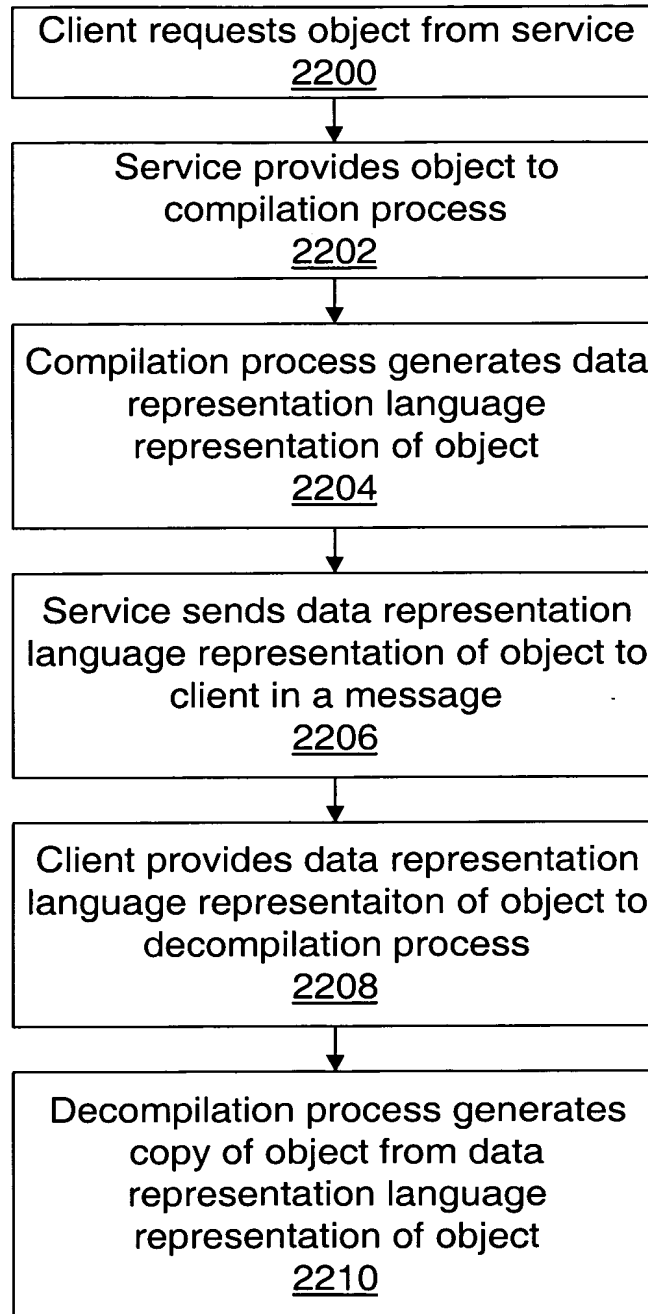


Figure 46

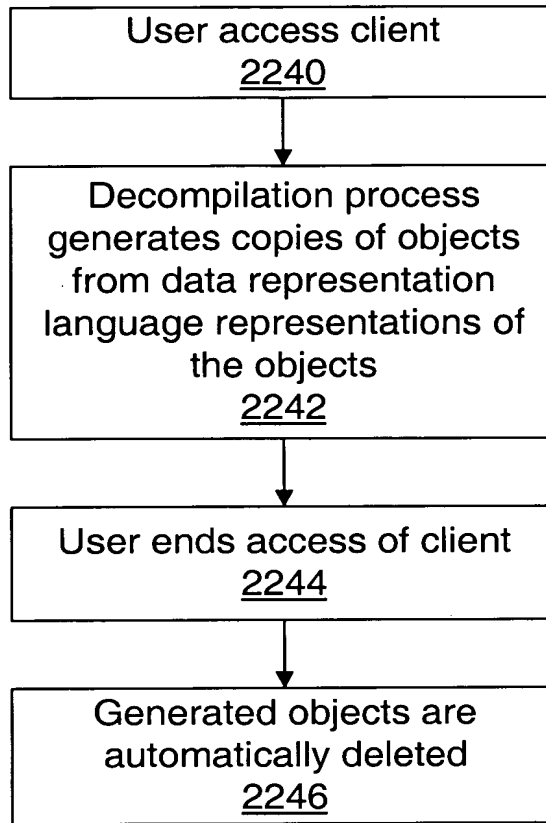


Figure 47

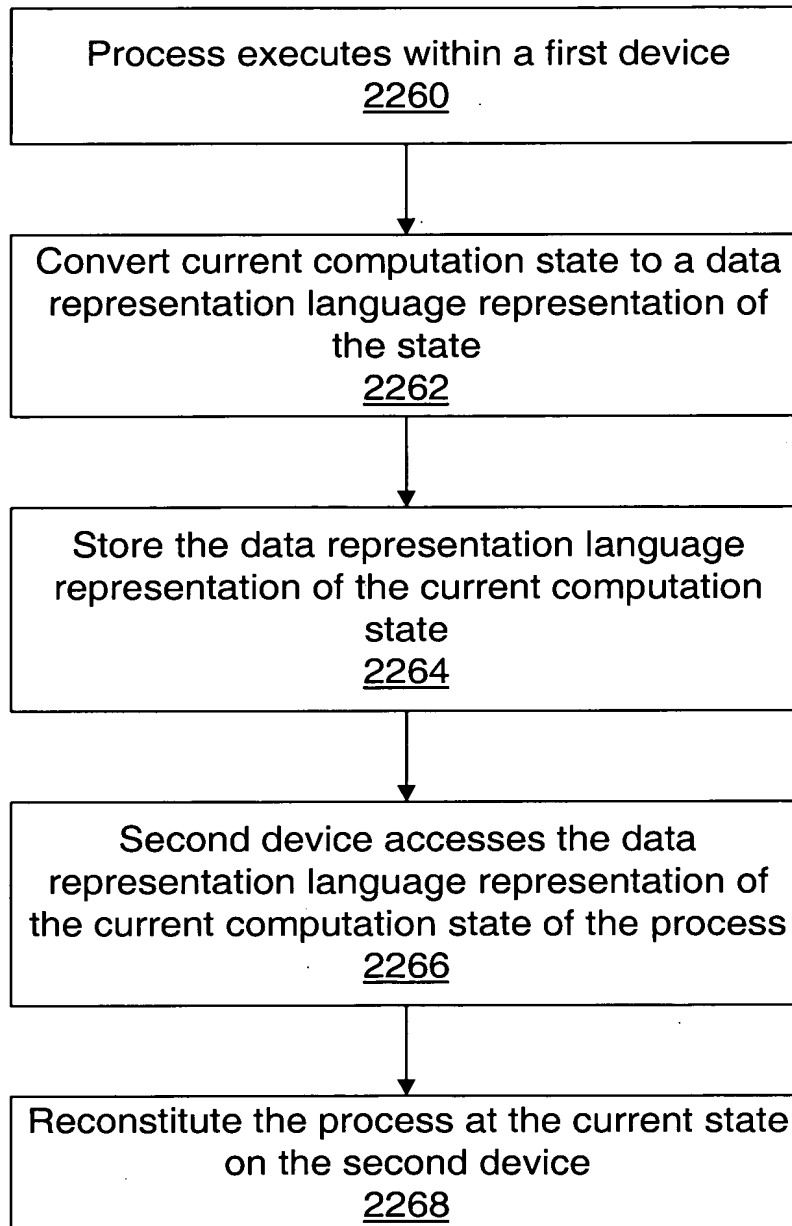


Figure 48

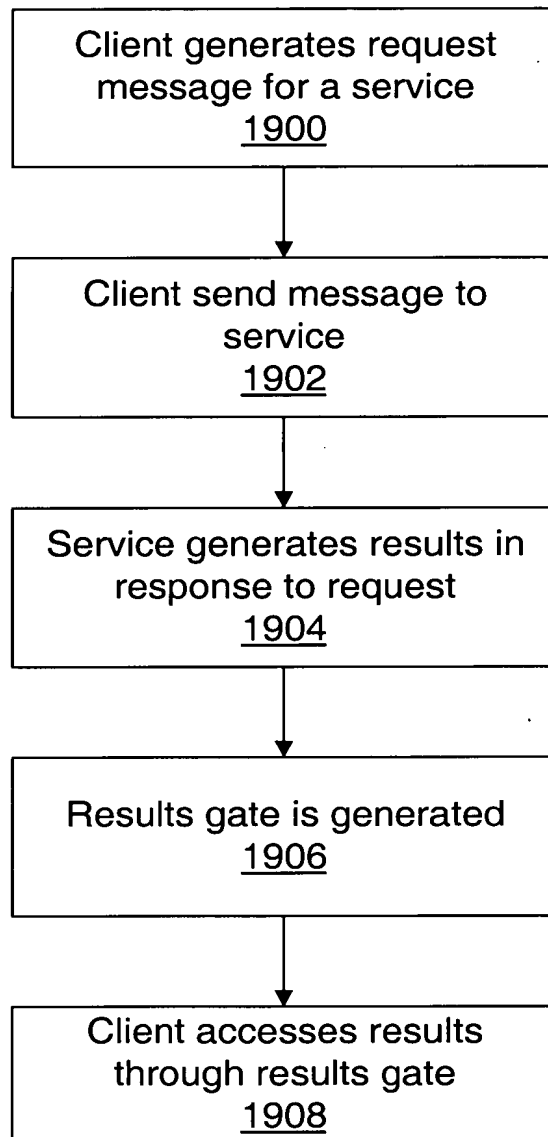


Figure 49